

IEOM

3rd South American International Conference on
Industrial Engineering and Operations Management

*Assunción,
Paraguay*

July 19-21, 2022

Organizer



Host University



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IEOM Society

"Achieving and Sustaining Operational Excellence"

www.ieomsociety.org

Industrial Engineering and Operations Management Society International

IEOM Society International, 21411 Civic Center Dr., Suite 205, Southfield, Michigan 48076, USA

Phone: 1-248-450-5660, Email: info@ieomsociety.org

Welcome to the 3rd South American Conference on Industrial Engineering and Operations Management in Paraguay

To All-Conference Attendees:

On behalf of the IEOM Society International, we would like to welcome you to the 3rd South American **International Conference on Industrial Engineering and Operations Management**, July 18-21, 2022, hosted by Asuncion National University, Paraguay. The venue is Holiday Inn & Suites Across from Universal Orlando. This unique international conference provides a forum for academics, researchers, and practitioners from many industries to exchange ideas and share recent developments in the fields of industrial engineering and operations management. This diverse international event provides an opportunity to collaborate and advance the theory and practice of major trends in industrial engineering and operations management. There were more than 450 papers/abstracts submitted from 35 countries. After a thorough peer-review process, more than 320 have been accepted for presentation and publication. The program includes many cutting-edge topics in industrial engineering and operations management.

This conference will address many of the issues concerning the continuous improvement of quality and service. The IEOM Society is delighted to have the following keynote speakers at the 3rd South American Conference:

1. Mr. Sumihiro Takaoka, President, Sumi S.A. President, Japan Paraguay Chamber of Commerce
2. Dr. Heriberto García-Reyes, PhD, Regional Chairman, Industrial Engineering Department, Tecnológico de Monterrey, Monterrey, Mexico
3. Professor Duc Truong Pham, Chance Professor of Engineering, Director of Research, Department of Mechanical Engineering, University of Birmingham, Birmingham B15 2TT United Kingdom
4. Dr. Sérgio Shimura, Federal Institute of Education, Science and Technology of São Paulo, Brazil
5. Claudio Vierci, Director-Presidente, Vierci Development, Paraguay
6. Dr. Clinton AIGBAVBOA, Professor, Department of Construction Management and Quantity Surveying, University of Johannesburg, South Africa
7. Jill Hosmer- Jolley PhD, MBA, Neurodiversity Accessibility Consultant, MBA Faculty, California State University, Monterey Bay, Management coaching. DEI. CSR. HR. OB., Monterey, California, USA
8. Alfred Fast, CEO, Fecoprod Ltda. and President, El Instituto de Biotecnología Agrícola (INBIO), Asuncion Paraguay
9. Marco Carvalho, CEO, Matza Education, São Paulo (SP), Brazil
10. Prof. Samuel Wiens Bartel, Profesor, Universitario para Liderazgo y Desarrollo Personal, Paraguay
11. Dr. Mario Chauca, Professor, Ricardo Palma University, Santiago de Surco, Peru
12. Prof. Dr. Marcelo Castier, Dean of the Faculty of Engineering Sciences, UPA – Universidad Paraguayo Alemana / German Paraguayan University, San Lorenzo, Paraguay
13. Michel Baudin, Owner, Takt Times Group, Co-founder, Grokcity, Inc., Palo Alto, California, United States

At this conference, the IEOM Society will hold its 31st Global Engineering Education session. It will feature distinguished speakers who will discuss workforce readiness and engineering education challenges and opportunities. The 30th IEOM Industry Solutions will showcase will also be held and feature major topics including IoT, AI, data analytics, iCloud, cybersecurity, automation, digital manufacturing, MSV, and industry best practices. The 10th IEOM Global Supply Chain and Logistics will address the global logistic challenges due to the pandemic. The first IEOM Global Business Management will focus on business operations improvement. Panel sessions have been planned: Global Engineering Education, Supply Chain, Women in Industry and Academia, Lean Six Sigma and Diversity & Inclusion sponsored by Ford Motor Company.

The IEOM Society would like to express our deep appreciation to our sponsors, university partners, organization partners, exhibitors, authors, reviewers, keynote speakers, panelists, track chairs, advisors, the local committee, and the many volunteers who have given so much of their time and talent to make this unique international conference an overwhelming success.

Our conference host, Asuncion National University, Paraguay, would like to extend a warm welcome to all participants.

Our very best wishes to all of you for a successful and memorable event.



Dr. Jorge Kurita, Conference Chair
Research Faculty
Department of Industrial
Engineering
Asuncion National University,
Paraguay



Dr. Ahad Ali
Conference Co-Chair
Associate Professor and Director
of Industrial Engineering
Programs, Lawrence Tech
University, Michigan, USA
Executive Director, IEOM Society



Prof. Vitor M. Caldana
Conference Program Chair
IFSP – Instituto Federal de
São Paulo
Campus Sorocaba
Sao Paulo, SP, Brazil



Prof. Don Reimer
Program Co-Chair
Director of Membership and
Chapter Development
IEOM Society International
President, The Small Business
Strategy Group, Detroit, USA

Conference Overall Program

Day 1 – July 18 (Tuesday)

Competitions and Technical Presentations – Rooms 1-5

Day 2 – July 19 (Tuesday)

6:00 – 7:45 am Technical Parallel Sessions – Rooms 1-5

8:00 -9:30 am – Plenary, Global Engineering Education and Parallel Sessions – Rooms 1-5

9:30 - 10:00 am - Break

10:00 - 10:20 am - Welcome Address:

10:20 -11:00 am - Keynote Speaker I: (Opening Keynote): Mr. Sumihiro Takaoka, President, Sumi S.A. President, Japan Paraguay Chamber of Commerce - Room 1

11:00 - 11:40 am - Keynote Speaker II: Dr. Heriberto García-Reyes, PhD, Regional Chairman, Industrial Engineering Department, Tecnológico de Monterrey, Monterrey, Mexico -Room 1

11:40 am -12:20 pm -Keynote Speaker III: Professor Duc Truong Pham, Chance Professor of Engineering, Director of Research, Department of Mechanical Engineering, University of Birmingham, Birmingham B15 2TT United Kingdom - (Room 1)

12:20 - 12:40 pm - Keynote Speaker IV: Dr. Sérgio Shimura, Federal Institute of Education, Science and Technology of São Paulo, Brazil - (Room 1)

1:00 - 2:00 pm - Lunch

2:00 - 3:45 pm - Global Engineering Education, WIIA Panel and Technical Parallel Session

4:00 - 5:45 pm - Global Engineering Education Panel and Technical Parallel Session

Day 3 – July 20 (Wednesday)

6:00 – 7:45 am Technical Parallel Sessions – Rooms 1-5

8:00 -9:30 am - Industry Solutions and Parallel Sessions

9:30 - 10:00 am - Break

10:00 - 10:20 am - Conference Chairs Remarks

10:20 -11:00 am - Keynote Speaker V: Claudio Vierci, Director-Presidente, Vierci Development, Paraguay- (Room 1)

11:00 - 11:40 am - Keynote Speaker VI: Dr. Clinton AIGBAVBOA, Professor, Department of Construction Management and Quantity Surveying, University of Johannesburg, South Africa-Room 1

11:40 - 12:20 pm - Keynote Speaker VI: Jill Hosmer- Jolley PhD, MBA, Neurodiversity Accessibility Consultant, MBA Faculty, California State University, Monterey Bay, Management coaching. DEI. CSR. HR. OB., Monterey, California, USA- (Room 1)

12:20 - 1:00 pm - Keynote Speaker VIII: Alfred Fast, CEO, Fecoprod Ltda. and President, El Instituto de Biotecnología Agrícola (INBIO), Asuncion Paraguay- (Room 1)

1:00 - 2:00 pm - Lunch

2:00 - 3:45 pm - Industry Solutions and Technical Parallel Sessions

4:00 - 5:45 pm - Industry Solutions Panel and Technical Parallel Sessions

6:00 - 8:30 pm - Diversity and Inclusion Panel sponsored by Ford Motor Company

Day 4 – July 21 (Thursday)

6:00 – 7:45 am Technical Parallel Sessions – Rooms 1-5

8:00 -9:30 am - GSCM and Parallel Sessions

9:30 - 10:00 am - Break

10:00 - 10:20 am - Conference Chairs Remarks

10:20 -11:00 am - Keynote Speaker IX: Marco Carvalho, CEO, Matza Education, São Paulo (SP), Brazil - Room 1

11:00 - 11:40 am - Keynote Speaker X: Prof. Samuel Wiens Bartel, Profesor, Universitario para Liderazgo y Desarrollo Personal, Paraguay - Room 1

11:40 am - 12:20 pm -Keynote Speaker XI: Dr. Mario Chauca, Professor, Ricardo Palma University, Santiago de Surco, Peru - (Room 1)

12:20 - 1:00 pm - Keynote Speaker XII: Prof. Dr. Marcelo Castier, Dean of the Faculty of Engineering Sciences, UPA – Universidad Paraguayo Alemana / German Paraguayan University, San Lorenzo, Paraguay - (Room 1)

1:00 – 1:30 pm Keynote XIII: Michel Baudin, Owner, Takt Times Group, Co-founder, Grokcity, Inc., Palo Alto, California, United States

1:00 - 2:00 pm - Lunch

2:00 - 3:45 pm - GSCM and Technical Parallel Sessions

4:00 - 5:45 pm - GSCM Panel, GBME and Technical Parallel Session

7:00 - 9:00 pm - Conference Virtual Awards Ceremony

Keynote Speakers – Room 1

Tuesday, July 19, 2022

Opening Ceremony: Tuesday, 9:30 – 10:00 am

Welcome Address: Tuesday, 10:30 – 10:20 am

Host University President

Opening Keynote I: Tuesday, 10:20 – 11:10 am



Mr. Sumihiro Takaoka
 President
 Sumi S.A. President
 Japan Paraguay Chamber of Commerce

Keynote II: Tuesday, 11:00 – 11:40 am



Heriberto García-Reyes, PhD
 Regional Chairman
 Industrial Engineering Department
 Tecnológico de Monterrey
 Monterrey, Mexico

Dr. Heriberto Garcia-Reyes is a professor and Regional Chairman of the Industrial Engineering Department. He has been a faculty member at Tecnológico de Monterrey, since 1998. He conducts research about the analysis, design, and improvement of supply chain and production systems that involve the integration of technology, people, and processes. He has published in conference such as IERC, ISERC, Winter Simulation Conference and ASEE annual conference among others. He has successfully completed projects for several enterprises in Mexico such as Nampak, Tubacero, Cemex, Sigma Alimentos, State Government, Gruma, Vitro, Coca-Cola and Sisamex among others. He is coauthor of a book entitled Simulación y Análisis de Sistemas con ProModel and has several technical articles in journals and conferences describing his research accomplishments. Regarding the service to the academia he collaborates as co-chair for the Latin American tack in the IERC 2010 and 2011, also as reviewer for the Journal of Supply Chain Management: an International Journal, Journal of Production Economics and Estudios Gerenciales Journal of Management and Economics for Iberoamerica. He is a member of the technical committee for the CENEVAL exam and member of the industrial engineering technical commission of CACEI.

Keynote III: Tuesday, 11:40 am – 12:20 pm



Professor Duc Truong Pham
 Chance Professor of Engineering
 Director of Research
 Department of Mechanical Engineering
 School of Engineering
 College of Engineering and Physical Sciences
 The University of Birmingham
 Birmingham B15 2TT United Kingdom

Duc Truong Pham's research covers the fields of mechanical, manufacturing, computer and systems engineering. His academic output includes more than 600 technical papers and 17 books. He has supervised over 100 PhD theses to completion. He has won in excess of £30M in external research grants and contracts. In addition to pursuing and leading research, he has acted as a consultant to several major companies and has been active with knowledge transfer to industry, applying the results of his work to help multinational companies and SMEs generate wealth and create and safeguard jobs.

He has lectured extensively abroad on his research and has delivered more than fifty keynote presentations at international conferences. He was Professeur Invité at École Centrale de Paris, Consulting Professor at HUST (China), Erskine Visiting Fellow at the University of Canterbury (New Zealand), Visiting Professor at the Université Paul Verlaine (France), Visiting Professor at King Saud University (Saudi Arabia), Strategic Scientist at Wuhan University of Technology and Honorary Professor at Xi'an Jiaotong University (China).

He has received several prizes including the Sir Joseph Whitworth prize from the Institution of Mechanical Engineers in 1996 and 2000 and the Institution's Thomas Stephens Group Prize in 2001 and 2003 and Donald Julius Groen Prize in 2004, and the 5th ICMR Best Paper Prize in 2007. He is also a recipient of a Lifetime Achievement Award (2016, World Automation Congress) and a Distinguished International Academic Contribution Award (IEEE SMC Society TC on Enterprise Info Sys and IFIP TC8 WG8.9, 2017)

He is a Fellow of the Royal Academy of Engineering, Learned Society of Wales, Society of Manufacturing Engineers, Institution of Engineering and Technology, and Institution of Mechanical Engineers. He was made an OBE in the 2003 New Year's Honours List for his services to Engineering.

Keynote IV: Tuesday, 12:20 – 1:00 pm



Dr. Sérgio Shimura
 Electronics and Automation Professor
 Instituto Federal Sao Paulo
 Brazil

S. Shimura is an Electronic Engineer from University of Sao Paulo. He holds Doctoral and Msc. Degrees in Electronics Systems and Power Systems respectively from the same institution. He is also Reliasoft's Certified Reliability Professional. He is currently professor at Federal Institute of Sao Paulo (IFSP) teaching electronics and automation and Research and Innovation Coordinator at Sorocaba Campus. His research interests include Artificial Intelligence, IoT and Embedded Systems.

Wednesday, July 20

10:00 – 10:20 am Conference Chair Remarks

Keynote V: Wednesday, 10:20 – 11:00 am



Claudio Vierci
 Director-Presidente
 Vierci Development
 Paraguay

Keynote VI: Wednesday, 11:00 – 11:40 am



Dr. Clinton AIGBAVBOA
 Professor
 Department of Construction Management and Quantity Surveying
 University of Johannesburg
 South Africa

Clinton AIGBAVBOA is a Professor at the Department of Construction Management and Quantity Surveying, University of Johannesburg, South Africa. Prof. Aigbavboa is the immediate past Vice Dean of the Faculty of Engineering and Built Environment, University of Johannesburg, South Africa. He has extensive knowledge in practice, research, training and teaching. He is currently the Director of the Construction Industry Development Board Centre of Excellence and the Sustainable Human Settlement and Construction Research Centre at the University of Johannesburg. Prof Aigbavboa has authored and co-authored more than 600 accredited journal articles, conference papers, and book chapters. He is also an author of twelve research books that were published with Springer Nature and CRC Press. Prof Aigbavboa is currently a visiting professor in the School of Civil Engineering of the Shandong University, China, visiting professor, in the Department of Civil Engineering of the University of Nigeria, Nsukka and an International Visiting scholar in the Department of Architecture of the Covenant University, Nigeria. He is also the editor of the Journal of Construction Project Management and Innovation (accredited by the DoHET) and has received national and international recognition in his field of research. He is rated by the South Africa National Research Foundation.

Keynote VII: Wednesday, 11:40 am – 12:20 pm



Jill Hosmer- Jolley PhD, MBA
 Neurodiversity Accessibility Consultant
 MBA Faculty, California State University, Monterey Bay
 Management coaching. DEI. CSR. HR. OB.
 Monterey, California, USA

JILL HOSMER-JOLLEY, MBA, Ph.D., works with organizations to improve outcomes by embracing the strengths of neurodiverse employees, such as creativity and innovation, through improved management practices customized for situational opportunities and structure. Human resources, diversity, inclusion, and neurodiversity are key areas of her research and consulting practice. Previous experience includes 20 years in financial services at Merrill Lynch and Charles Schwab, as a broker in Sunnyvale as well as a regional director for the New England area, managing sales, training, customer service, operations, and people, as well as culture change and career development. Dr. Hosmer-Jolley has 15 excellent years of university teaching and research (Cal State, Rice University, University of California and Yale). In 2008, she began to teach at the university level, focusing on management, human resources, organizational behavior, ethics, and communication. She also works as a technology mentor assisting faculty with online teaching, course development, and integrating technology for student success.

Hosmer-Jolley earned a master's in Business Administration from Simmons College in Boston and a doctorate in Business Administration–Management from Northcentral University in San Diego.

Keynote VIII: Wednesday, July 20, 12:20 – 1:00 pm



Alfred Fast
 CEO, Fecoprod Ltda.
 President, El Instituto de Biotecnología Agrícola (INBIO)
 Asuncion Paraguay

Thursday, July 21

10:00 – 10:20 am Conference Chair Remarks

Keynote IX: Thursday, 10:20 – 11:00 am



Marco Carvalho
 CEO
 Matza Education
 São Paulo (SP), Brazil

Keynote X: Thursday, 11:00 – 11:40 am



Prof. Samuel Wiens Bartel
 Profesor
 Universitario para Liderazgo y Desarrollo Personal
 Paraguay

Keynote XI: Thursday, 11:40 am – 12:20 pm



Dr. Mario Chauca
Professor
Ricardo Palma University
Santiago de Surco
Peru

Dr. Mario Chauca is a professor at Ricardo Palma University, Santiago de Surco, Peru. He teaches at the postgraduate and undergraduate level, with 30 years of experience. He graduated as an Electronic Engineer from Ricardo Palma University in Lima Peru, obtained his Master's Degree in Business Administration with a mention in "Business Management" and his Doctorate in Education from San Luis Gonzaga National University.

Dr. Chauca is an Executive Committee Member of IFEES and was a Director of the AOTS-Kenshu Kiokay-Peru (2010-2014), member of the technical committees since 2010, invited by the University of Washington IEEE, in 2010 joined the Steering Committee of the IEEE-MWSCAS, and has participated in more than 30 committees in the European Union, Asia, Africa, America and Australia.

Dr. Chauca was participant as speaker and Chair Session at WEE2019-Chennai (India), IEM2019-Toronto (Canada), WEEF2018-Albuquerque (USA), ICIMA2018-Penang (Malaysia), WEEF2017-Kuala Lumpur (Malaysia), CONeGOV2016-Florianopolis (Brazil), ISIT2014,17-Guanajuato (Mexico), MWSCAS2010-Washington (USA), JALIO2009-Mar del Plata (Argentina), CONIELECOMP2007,9,10-Puebla (Mexico), SIE2004-Santa Clara (Cuba). He obtained a scholarship from the AOTS Tokyo (Japan), from the NIPA and Ministry of Science, ICT and Planning of the Future of Korea Seoul (Korea). He is a Consultant in Information and Communication Technologies, he was consultant in the project of United Nations-Inter-American Development Bank-Congress of the Republic of Peru and the Ministry of the Interior of Peru. He is a researcher by RENACYT-CONCYTEC in the Peruvian Government, adviser first award paper CONEIMERA2018, adviser of the First General Award Project for more than 5000 projects in the contest from the Romero Group, adviser for first projects in congress INTERCON, CONEIMERA, and was nominated for the Graña y Montero Prize for Research in Peruvian Engineering. Nominated Peruvian Research Southern Prize 2019 and nominated research award 2018 MEXICO. As author and advisor of papers he has more than 50 letters of acceptance, served organizer of international academic events, editor of proceedings, and advisor to the IEEE chapters at the National University of Callao and the Ricardo Palma University.

Keynote XII: Thursday, July 21, 12:20 – 1:00 pm



Prof. Dr. Marcelo Castier
Dean of the Faculty of Engineering Sciences
UPA – Universidad Paraguayo Alemana / German Paraguayan University
San Lorenzo, Paraguay

Keynote XII: Thursday, July 21, 1:00 – 1:30 pm



Michel Baudin
Owner, Takt Times Group
Co-founder, Grokcity, Inc.
Palo Alto, California
United States

Michel Baudin is an engineer, author, and consultant who graduated from Mines-ParisTech in 1977. His career has taken him from France to Japan, Germany, and finally to the US, where he lives in Palo Alto, California. Michel has taught courses in-house for clients, UC Berkeley, the University of Dayton, the Hong Kong Productivity Council, the University of Buckingham, and training companies in multiple countries.

He has authored four books – Manufacturing Systems Analysis (1990), Lean Assembly (2002), Lean Logistics (2005), and Working with Machines (2007) – and written in refereed journals, professional magazines, and

conference proceedings.

Plenary Speakers

Plenary I

Tuesday, July 19, 8:00 – 9:30 am – Room 1

Session Chair: Anicia Peters, PhD

8:00 – 8:30 am (Tuesday, July 19)



Anicia Peters, PhD

Pro-Vice Chancellor: Research, Innovation and Development, University of Namibia
Chairperson: Namibia Presidential Task Force on the Fourth Industrial Revolution
Deputy Chairperson: Namibia Qualifications Authority (Namibia)
Council member: National Council for Higher Education in Namibia
President: Windhoek ACM SIGCHI local chapter

Anicia Peters is the Pro-Vice Chancellor for Research, Innovation and Development and an Associate Professor of Human Computer Interaction at the University of Namibia. She was also appointed in July 2021 by the President of Namibia as the Chairperson of the 4IR Task Force and has to complete a country assessment and organize the National AI Conference in early 2022. Anicia is further the Technical Programme Committee Chair for ACM CHI 2023 and case studies co-chair for ACM CHI conference 2022. She worked previously at Intuit and Oregon State

University in the United States and pursued her PhD at Iowa State University. She was formerly the Executive Dean for the Faculty of Computing and Informatics at the Namibia University of Science and Technology. She is the co-founder of the AfriCHI conference series (Africa Human Computer Systems Conference) and also a co-inventor of the GenderMag method which detects gender inclusiveness issues in software design/development. In June 2021, she initiated an AI Agriculture Start-Up incubation programme at the University of Namibia. She also implemented the Namibia-India Centre of Excellence in IT focusing on Cybersecurity and Big Data and expanding to AI and co-established an Inclusive Collaborative Tech Innovation Hub. Anicia has received a number of accolades for her work in research and social justice. She established 6 student organisations in the United States and in 2015, she received a Presidential White House Award as co-founder of the ISU Womyn of Colour Network. She further received among others research merit awards from Boeing, Iowa State University and the Rector's medal at the Namibia University of Science and Technology; is one of 10 female African rolemodels for Information Technology; received a Next Einstein Advancing Women in STEM award; 2022 IEOM Distinguished Educator award; was a Google scholar and received a 2020 Google AI Inclusion Research Award. In 2019, she was selected as the UNESCO Chair for Gender and Digital Technologies but relinquished it when she left the Namibia University of Science and Technology. Her research focus is social computing, gamification, e-participation such as digital health, gender and e-government. Anicia published over 80 articles.

8:30 – 9:00 am (Tuesday, July 19)



Dr. Boris Herbas-Torrico

Full Time Professor

Universidad Catolica Boliviana San Pablo Regional Cochabamba
Cercado, Cochabamba, Bolivia

Boris Christian Herbas-Torrico is a professor of industrial engineering at the Bolivian Catholic University in Cochabamba, Bolivia. He is also a researcher at the Exact Sciences and Engineering Research Center (CICEI). He earned his B.S. in Industrial Engineering from the University Mayor of San Simon in Bolivia. In 2007 he was awarded the Monbukagakusho Scholarship from the Japanese Ministry of Education, Culture, Sports, Science, and Technology to graduate studies in Japan. He received a master's and doctoral degree in industrial engineering and management from the Tokyo Institute of Technology (Japan). He has published journal and conference articles in the U.S. Japan, Europe, and South America. He received the 2012 Research Award from the Japanese Society for

Quality Control. Additionally, in 2013 he was awarded the Nikkei Quality Control Literature Prize (Nikkei Keizai Shimbun). Moreover, in 2018, the Bolivian Senate recognized his science and technology contributions to the country. In 2019 he was a visiting researcher at Waseda University (Japan). In 2021 he received the IEOM Society's "Outstanding Professor Award." He has written two books and is an editorial board member for journals and conferences in Bolivia and abroad. His research interests are in the fields of marketing research, consumer behavior, and sustainability.

9:00 – 9:30 am (Tuesday, July 19)



Joseph Akyeampong, PhD

Human Factors Engineering Consultant

Amgen

Fort Lauderdale, Florida, United States

Dr. Joseph Akyeampong is a creative Industrial & Systems engineer who currently works as Human Factors Engineering consultant at Amgen. He has spent his career applying his Human Factors expertise on the development of safe and effective biopharmaceutical combination products (at Amgen), medical devices (at Medtronic and Stryker), and nuclear power plant control rooms (at General Electric and Westinghouse). Notable projects he has worked on include: Amgen combination products including prefilled syringes and autoinjectors; the Stryker Mako robot for orthopedic/joint replacement surgeries; various Medtronic programmable neuromodulation systems; the Westinghouse AP1000; and the GE-Hitachi Economic Simplified Boiling Water Reactor (ESBWR). Dr. Akyeampong received his PhD in Industrial & Systems Engineering from North Carolina A&T State University (USA)

and a Bachelor's in Mechanical Engineering from Kwame Nkrumah University of Science and Technology (Ghana). Dr. Akyeampong is passionate about human factors engineering and technological innovations in general, with strong interests in healthcare.

Plenary II

July 20, Wednesday, 4:00 – 5:30 am – Room 2
Session Chair: Dr. Piera Centobelli

4:00 - 4:30 pm (Tuesday, July 19)

Dr. Nubia Velasco
 Associate professor
 Universidad de los Andes
 Bogota, Colombia

4:30 - 5:00 pm (Tuesday, July 19)

Dr. Piera Centobelli
 Professor of Business Economics and Organization
 Università degli Studi di Napoli Federico II
 Naples, Italy

5:00 - 5:30 pm (Tuesday, July 19)

Plenary III

July 20, Wednesday, 8:00 – 9:30 am – Room 1
Session Chair: Victoria Canela

8:00 am – 8:30 am (Wednesday, July 20)

Rodolfo Sabonge
 Secretario General
 Asociación de Estados del Caribe
 Trinidad and Tobago

8:30 am – 9:00 am (Wednesday, July 20)



Victoria Canela
 Workcell Manager
 Jabil Healthcare
 Santo Domingo, Distrito Nacional, Dominican Republic

Victoria Canela is an Industrial Engineer Graduated (Summa Cume Laude) from the Technological Institute of Santo Domingo (INTEC), with a master's degree on Business Management and Productivity form APEC University. Also, she is recognized by the American Society of Quality as a Certified Quality Engineer. She holds a Green Belt, a Silver Lean Master certification. In addition, Mrs. Canela is certified as a Bullet Proof Manger form Crestcom International.

Victoria has been working on the Medical Devices regulatory Industry for over 10 years, with combine experience on Engineering, Manufacturing operations, Lean Six Sigma and Quality, to achieve the startup of several Manufacturing plans, with New Product Introduction, Machine and Line Transfers and Manufacturing process design using LSS tools and Quality Principles.

She is specialized on Quality Engineering, test method design, validation process and Risk Management. Working for the top companies in the Medical Devices industry, Mrs. Canela coach and lead several teams in achieving more than US\$10MM in savings form several lean initiatives and the reduction of Complaint levels by the implementation of End To End complaint analysis processes.

Victoria is currently the works for one of the Largest Medical Devices contract manufacturers in the world. She is also a part time professor for Technological Institute of Santo Domingo (INTEC), for Materials Science and Engineering for the Engineering Department. In addition, Mrs. Canela is a Consultant for Quality Systems Implementation, LSS and Productivity.

9:00 am – 9:30 am (Wednesday, July 20)



Dave Harry
 Black Belt Trainer / Kata Coach
 President & CEO
 Process Whisperer® Consultants LLC
 Greeneville, TN, USA

David Harry, a.k.a. "The Process Whisperer®", has more than 30 years' experience as a project manager, business process improvement instructor and expert problem solver. Following a successful military career as a Naval Aviator, Dave taught Lean and Six Sigma "Belts" and project management classes for various companies including KPMG Consulting, Northrop Grumman, Rolls-Royce Energy, Arconic, and the University of Tennessee Knoxville. An Expert Trainer at Northrop Grumman, he was Manager of Continuous Improvement at Rolls-Royce Energy and

has been involved with manufacturing and logistics Lean Six Sigma programs across several industries.. He has served on leadership boards of the American Society for Quality and the Institute of Industrial Systems Engineers and the OpEx Society. He has been awarded three Masters-level degrees in management, including from the University of Southern California and the University of Chennai (India). His certifications include PMI Project Management Professional, ASQ Six Sigma Black Belt, Lean Bronze Certification from the SME/Shingo/AME Alliance, Agile Certified Scrum Master and a Certified Baseline Project Management Office (CB-PMO) Consultant. He is a recognized Toyota Kata “Geek” and has attended and presented at several IEOM conferences.

Plenary IV

July 21, Thursday, 8:00 – 9:30 am – Room 1

Session Chair: Steven Sibrel

8:00 – 8:30 am (Thursday, July 21)

Dr. Haree Ramasawmy, RPEM, CEng MIMechE

Associate Professor

University of Mauritius

Réduit, Moka, Mauritius

8:30 – 9:00 am (Thursday, July 21)



Steven Sibrel

Senior Supplier Quality Manager

Harman International

Novi, Michigan, USA

Professional Development Chair and Past Chair – ASQ Greater Detroit

Steve Sibrel is a business process improvement trainer, coach and auditor with over 35 years of experience in the business and manufacturing world. He is currently working as Senior Supplier Quality Manager at Harman International, a manufacturer of audio and infotainment systems for consumer, professional, and automotive industries, with well-known brands such as JBL, Lexicon, Crown, Infinity, Mark Levinson, Becker and Harman-Kardon. Previously he held a number of engineering and management positions in diverse industries at Applied Materials (Semiconductor), NEC (Telecommunications) and Texas Instruments (Military). He has conducted over 200 supplier audits in North America, Europe, and Asia and is a Lead Auditor for ISO/TS16949, ISO9001, ISO13485, ISO17025, and 21CFR820. He has been the Chair for Professional Development for the ASQ Detroit section since 2008. He received the Distinguished Service Award in 2008 and the Leadership Award in 2013 from ASQ. Current ASQ Certifications held are Six Sigma Black Belt, Quality Engineer, Quality Inspector, Quality Auditor, and Manager of Quality/ Organizational Excellence. He is an adjunct faculty member at Macomb Community College. Steve has a BSEE degree from Rose Hulman Institute of Technology and an MSEE degree from Southern Methodist University.

9:00 – 9:30 am (Thursday, July 21)



Dr. Christopher Harris

Associate Professor of Computer Science

University of Northern Colorado

Greeley, Colorado, United States

Dr. Christopher Harris is an Associate Professor of Computer Science in the School of Mathematical Science at the University of Northern Colorado. Previously, he taught at the State University of New York in Oswego and has nearly 20 years of work experience as a technical strategist at companies including the World Bank, Northrop Grumman, Ratheon, E! Entertainment Television, and AT Kearney. He served as the General Manager at Advisa Group, a technology consultancy based in Beijing, China. Professor Harris received his PhD in Information Science at the University of Iowa, an MBA from the Anderson Graduate School of Management at UCLA, his Masters in Computer Science from Virginia Tech, and his Bachelor's in Computer Engineering from the University of South Florida. Professor Harris' research areas include applying machine learning and artificial intelligence to business, agriculture, human resources, and manufacturing, ensuring fairness in machine learning algorithms, and applications involving blockchain and smart contracts.

9:30 – 10:00 am (Thursday, July 21)



Dr. Sergio Salimbeni, Eng, MBA, PhD

Professor & Researcher – Industrial and Management Engineering – Industry 4.0 – Quality 4.0 – PLM4.0

Universidad del Salvador

Buenos Aires, Argentina

Sergio Salimbeni has more than 17 years as Professor and Researcher in Industrial Engineering and Management Sciences at USAL – Universidad del Salvador – Argentina. His research on Industry 4.0 focuses on Quality 4.0 and Smart Products, both in the preparation of human resources and migration to digitalization in manufacturing and service industries. Director of Industry4.0 and Product Development MBA course. He is an Electronic Engineer, with a MBA and PhD in Business Administration, and doctoral candidate for the Industrial Engineering. He has published several articles related to Industry 4.0 maturity models and entry barriers, Simulation, Digital Twins, Digitalisation and Smart Products. He has more than 20 years working on Strategic Management, Quality Management, Business and Product Development, Project Management and Business Process Management, mainly in information and communication technologies, and electronics industries.

Panel Sessions

Electromobility Panel

July 19, 2022, 2:00 – 3:45 pm

Organized by: RELIEVE (Red Latinoamericana de Investigación en Energía y Vehículos) Latinoamerican Research Network in Energy and Vehicles

Moderator



Dr. Nicolas Giraldo-Peralta

Universidad Antonio Nariño
Bogota, Colombia

Mechanical Engineer, M.Sc., Ph.D. in Engineering Sciences (D.Sc.) from Tecnológico de Monterrey – México with a Diploma in Logistics and Supply Chain (MIT GCLOG), 2016, Massachusetts Institute of Technology – MIT – Cambridge, USA. He has participated in scientific research projects on topics such as thermodynamics, fuels, combustion, logistics, and corrosion. Involved in accreditation and administrative processes of engineering programs. He has experience in management, technical advice, and consulting in energy, transportation, vehicles, supply chain, and logistics for public and private entities in Colombia. Advisor to international consulting entities such as GIZ and Atheneum.

Panelists

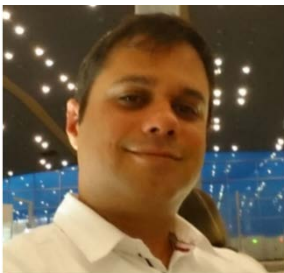


Dr. Daniel Guillermo Cordero Moreno

Research professor
Faculty of Science and Technology
ERGON -Center for Research and Development in Automotive Engineering
University del Azuay
Ecuador

Title: Efficiency tests of electric vehicles in chassis dynamometer

Automotive Mechanics Engineer from the University of Azuay (2007) and Doctor of Engineering Sciences from the Tecnológico de Monterrey (2015). He is currently a professor at the University of Azuay and a member of ERGON, Center for Research and Development in Automotive Engineering. Undergraduate and graduate professor. Work areas: Energy configuration in vehicles, driving cycles, vehicle characterization, vehicle homologation processes.



Dr. Nelson Arzola de la Pena

Full Professor
Faculty of Engineering
Universidad Nacional de Colombia
Bogotá Campus

Title: Experiences in the 2nd National Electric Traction Vehicle Competition

Full Professor of the Department of Mechanical and Mechatronics Engineering of the National University of Colombia (2005 – to date). Coordinator of the Undergraduate Program in Mechanical Engineering (2021 –). Coordinator of the Doctoral Program in Mechanical and Mechatronics Engineering (2017 – 2019). Coordinator of the master's Program in Mechanical Engineering (2007 – 2010). Distinction from the Faculty of Engineering in Meritorious Teaching (years 2010 and 2018). Doctor in Technical Sciences from the Central University of Las Villas, Cuba (2003). Mechanical Engineer from the University of Cienfuegos, Cuba (1997). Author of more than 40 articles in indexed journals, 25 presentations at national and international conferences and two published books. He has participated in five funded research projects in Mechanical Engineering. He has directed 14 Postgraduate Theses and more than 30 Degree Projects. h-index: 11.



Manolín Alcazar, MSc

Ph.D. Candidate
Universidad de Málaga
de Cervantes, 2, 29016 Málaga,
Spain

Title: Motostudent Competition: No fear, race your talent

Manuel Alcázar Vargas received the B.S. degree in mechanical engineering and the M.S. degree in industrial engineering from the University of Jaén, Spain. He is currently pursuing the Ph.D. degree in mechanical engineering with the University of Malaga. He is currently a Researcher of mechanical engineering with the University of Malaga.

His research interests include electric vehicles, moto-student formula, and tire dynamics.

Panel on Women in Industry and Academia

July 19, 2022, 4:00 – 5:45 pm

Panel Chair



Dr. Ximena Córdova Vallejo

Profesora, Colegio de Ciencias e Ingenierías, Politécnico
Universidad San Francisco de Quito
Ecuador

Ximena M. Córdova, Ph.D., was the first woman to graduate in Mathematics from the National Polytechnic School, Quito-Ecuador. She has a Master's in Quality, Management and Productivity and a Master's in Actuarial Sciences from The University of Iowa, Iowa, USA. She holds a Ph.D. in Industrial Engineering from Wichita State University, USA. She was also the first woman to hold the position of Provost at the San Francisco de Quito University (USFQ) until 2020. She has served as a Professor at the San Francisco de Quito University for more than 20 years and was Dean of the School of Engineering of the College of Sciences and Engineering. She is currently a Senior Professor in the Department of Industrial Engineering. She is one of the founders of the project "Women in Science

and Engineering", WISE, to encourage women to study in the areas of science and engineering. She has managed to influence at least 5 female alumni of the USFQ of Industrial Engineering to obtain their Ph.D. in Engineering and for many graduates to continue their four-level studies. Her research is applied to Green Supply Chains through the modeling, analysis and optimization of logistics systems using CO2 emissions as a performance measure and the use of Ecuadorian anthropometry data for the ergonomic design of work spaces.

Panel Speaker I



Maria Carolina Diaz

Business Process Optimization Manager
Spirit Airlines
Miami, Florida, USA

Panel Speaker II



Aracelli Centeno

Senior Process Architect
Registro Nacional de Identificación y Estado Civil (RENIEC)
Peru

Aracelli Centeno has 15 years of experience in project and process management. She have worked in Peruvian business as a company of technology, bank, and the government. Moreover, Aracelli volunteers in International Team Excellence Award (ITEA-ASQ) Judge in US and PMI. She have experience as a Quality Lead Auditor, Project Manager, process consultant and trainer. Her interests are related to process improvement, innovation projects and social development. Aracelli would like to collaborate by establishing social programs that promotes the empowerment for entrepreneurship in around the world and other projects that help to decrease the insecurity and

establish mechanisms to prevent citizens of Identity Theft.

Panel Speaker III



Ph.D (c) Rosa Patricia Larios-Francia

Docente – Investigador
Laboratorio Textil y Confecciones
Carrera de Ingeniería Industrial
Facultad de Ingeniería y Arquitectura
Universidad de Lima
Peru

PhD candidate in Strategic Management with a specialization in Business Management and Sustainability from the Consortium of Universities, Master in Industrial Engineering from the Ricardo Palma University and Industrial Engineer from the University of Lima. With a specialization in innovation from the International High Specialization Programme in Innovation Management at ESAN and La Salle Ramon Llull University in Spain.

Lecturer and Researcher at the University of Lima in the areas of innovation, MSME management, cluster, biodiversity, sustainability, circular economy, humanitarian logistics, technology in the development of new materials and processes in the textile industry, fashion and handicrafts. She has been Director of the Textile Innovation Centre at the University of Lima. Author of scientific articles and books on innovation, sustainability and small and medium-sized enterprises.

With more than twenty years of experience in executive positions in the textile manufacturing sector, specialist in the areas of innovation, design, product development, marketing and operations. International lecturer on business management, innovation management, technology in the textile

industry, sustainability in handicrafts and management of small and medium enterprises.

Member of ISO/TMBG/SAG_ESG Strategic Advisory Group on Environmental, social, governance (ESG) ecosystem; ISO/TC 133 Clothing sizing systems-size designation, size measurement methods and digital fittings; ISO/TC 279/WG1 Innovation Management system. Currently president of the Technical Committee for Standardization - INACAL for Research, Technological Development and Innovation Management. Secretary of the SC-CTN Apparel. Member of the NTCs on MSMEs Management, Textiles and Clothing, and Quality Management and Assurance.

Member of the Latin American Association of Technology and Innovation Management - ALTEC. Member of the Peruvian Association of Textile Technicians - APTT. Member of the Sustainable Fashion Cluster.

Panel Speaker IV

Panel on Lean Six Sigma

July 20, 2022, 2:00 – 3:45 pm

Panel Chair



Dr. Imran Ahmad Rana

Management and Analytics Professional Trainer, Coach, Consultant and Practitioner
TCL, Lahore
Pakistan

Panel Speaker I



Dave Harry

Black Belt Trainer / Kata Coach
President & CEO
Process Whisperer® Consultants LLC
Greenville, TN, USA

David Harry, a.k.a. "The Process Whisperer®", has more than 30 years' experience as a project manager, business process improvement instructor and expert problem solver. Following a successful military career as a Naval Aviator, Dave taught Lean and Six Sigma "Belts" and project management classes for various companies including KPMG Consulting, Northrop Grumman, Rolls-Royce Energy, Arconic, and the University of Tennessee Knoxville. An Expert Trainer at Northrop Grumman, he was Manager of Continuous Improvement at Rolls-Royce Energy and

has been involved with manufacturing and logistics Lean Six Sigma programs across several industries.. He has served on leadership boards of the American Society for Quality and the Institute of Industrial Systems Engineers and the OpEx Society. He has been awarded three Masters-level degrees in management, including from the University of Southern California and the University of Chennai (India). His certifications include PMI Project Management Professional, ASQ Six Sigma Black Belt, Lean Bronze Certification from the SME/Shingo/AME Alliance, Agile Certified Scrum Master and a Certified Baseline Project Management Office (CB-PMO) Consultant. He is a recognized Toyota Kata "Geek" and has attended and presented at several IEOM conferences.

Panel Speaker II



Javier Enríquez

PM Consultant
IT, Mining & Construction
Lima, Peru

Panel Speaker III

Panel on “The Impact of Extra Curriculum Activities in Professional Performance”

July 20, 2022, 4:00 – 5:45 pm

Panel Chair



Dr. Fernando Gonzalez Aleu
Associate Professor
Universidad de Monterrey (UEM)
Mexico

Fernando Gonzalez Aleu is an Associate Professor at the Universidad de Monterrey (UEM) in Mexico. He received a BS in Mechanical and Management Engineering at UDEM, a MS at ITESM in 1999, and both an MS and PhD in Industrial and Systems Engineering from Virginia Tech in 2015 and 2016, respectively. His research focuses on the applications of continuous improvement projects. Prior industry experience includes 15 years implementing quality systems, environmental systems, and management systems. He is member of the Institute of Industrial and Systems Engineers, the American Society for Engineering Management, and the American Society for Quality.

Panel Speaker I

Panel Speaker II

Panel Speaker III

Diversity & Inclusion Panel sponsored by Ford Motor Company

July 21, 2022, 2:00 – 3:45 pm

Panel Chair



Professor Donald M. Reimer
President, The Small Business Strategy Group
Detroit, Michigan, USA
Adjunct Faculty – A. Leon Linton Department of Mechanical Engineering
Lawrence Technological University
Southfield, Michigan, USA

Donald M. Reimer is an adjunct faculty at the A. Leon Linton Department of Mechanical Engineering in College of Engineering at Lawrence Tech in Southfield, Michigan. He coordinates the Certificate of Entrepreneurial Engineering Skills. Mr. Reimer holds a Bachelor of Science degree in Industrial Management from Lawrence Technological University and a Master of Arts degree in Political Science from University of Detroit/Mercy. He is a Certified Management Consultant with over 35 years of experience in working with closely-held businesses. He has taught courses in entrepreneurship, strategic management, corporate entrepreneurship and innovation for engineers. Mr. Reimer is a member of the Lawrence Tech Kern Campus Committee, Coordinator of the Lawrence Tech Innovation Encounter. He is faculty Advisor of the Collegiate Entrepreneurs' Organization. Mr. Reimer serves as a Kern Fellow of The Kern Family Foundation, Co-Direct of the Coleman Fellows Program, member of the National Collegiate Entrepreneurs' Organization Faculty Advisory Council and is a member of the American Society of Engineering Education.

He has operated his own consulting company – The Small Business Strategy Group for 23 years. He published numerous articles on small business, entrepreneurship and strategic thinking. He has received several awards and recognition by local, state and federal agencies for his work in entrepreneurship and minority business development. Mr. Reimer served as member of the Minority Economic Development Committee of New Detroit. Mr. Reimer is member of the Small Business Advisory Council of the Detroit Regional Chamber of Commerce. Mr. Reimer is a member of Advisory Board of the Milwaukee Junction Small Business Assistance Center. He is also a member of the Applied Innovation Alliance. Mr. Reimer serves as a KEEN Fellow for The Kern Family Foundation and is a member of United States Association of Small Business and Entrepreneurship.

Panel Speaker I

Prof. Vitor Mendes Caldana

Federal Institute of Sao Paulo (IFSP) – Sorocaba Campus
Sorocaba, Sao Paulo, Brazil

Began the academic career with a technician course in Electronics from Liceu de Artes e Ofícios (1999) followed by an undergraduate degree in Electronic Engineering from Universidade Presbiteriana Mackenzie in 2004. In 2016, finished the Masters course in Industrial Engineering with the Quality of Engineering Education and its Relation to Regional Development as his area of research. As a technical profession, from 1999 until 2016, started in Caltronic Automação Industrial, a service-based company in Brazil that represents American and European automation equipment for the printing industry, and finished as Service and Projects Manager, serving not only Brazil but the whole of South America with services performed also in USA and China. During the professional career took several courses in USA and Europe to Automation and dedicated equipment maintenance. In 2016 left the company for full-time dedication to IFSP. In 2014 began his teaching career in FIEB as a substitute teacher for the Technical Course of Electronics. In 2016 moved to IFSP to start the electronics Technical Course in the city of Sorocaba and has been

engaged with this project since. In this 4,5 years taught a variety of courses in electronics. In 2018 began his Research Group in Industry 4.0 and is currently working with colleagues in this research area as well as the project for the PhD.

Panel Speaker II



Professor Eldon G. Caldwell Marin, Ph.D., Sc.D, Dr.Ed. – IEOM President-Elect
 Professor, Industrial Engineering Department
 Engineering School
 University of Costa Rica
 San Jose, Costa Rica

Eldon Caldwell is full professor/Cathedraticus of the University of Costa Rica, Central America; member of the IEOM Society Academy of Fellows and member of the IEOM Society Global Council. Also, he has been recognized by the IEOM Society with the "Outstanding Service Award" for his career of over 30 years as an educator, researcher and promoter of development of industrial engineering and as "Distinguished Professor" by IEEE

Computer Society, USA.

Dr. Caldwell earned his B.Sc. and Master degree in Industrial Engineering at University of Costa Rica and he earned a Master degree in Service Marketing, as well in Financial Analysis at Interamerican University of Puerto Rico; M.Sc. Health Management Systems at UNED, Costa Rica and a M.Sc. Operations Management at ITESM, México. Finally, he earned three doctoral degrees: 1-Ph.D. in C.Sc. / Industrial Engineering, Autonomous University of Central America; 2- Ph.D. (Sc.D.) in Robotics and Automation, University of Alicante, Spain; and 3-Ph.D. (Dr. Ed.) in Education at the University of Costa Rica, developing the "Theory of Socio-educational Exergy-Anergy and Entropy".

He is author of many scientific articles and two books: "Marketing of Social Products & Services", UCR Publications; and "Lean Manufacturing: Fundamentals and techniques for cycle time reduction", Kaikaku Ins. Press, USA.

Dr. Caldwell served as Director of Industrial Engineering Department at Engineering School of University of Costa Rica, Operations Manager at MASECA, CA; Lean Manufacturing Project Manager at Eaton Corp. Costa Rica, General Manager at Quirós & Cia-Bandag Inc. and General Manager at Lean Systems Intl., USA. He has more than 30 years of experience as advisor and consultant in Operations Management, Lean Manufacturing and Lean Logistics at Interamerican Bank for Development, WHO, UN, World Wide Bank, Coca-Cola, Ministry of Health, Costa Rica, Honduras, Panamá, Costa Rican Institute for Electricity, RTC- Perú, Young Electrical Signs, Nevada, USA, AirCare Inc., Reno, Nevada, Plan International-Honduras, Bournes Co., DOLE Co. and many others. In addition, Dr. Caldwell currently serves as Director of the Central America Robotics and Industry 4.0 Challenge Contest (ROBOTIFEST) and General Manager at Kaikaku Institute Latin America.

Panel Speaker III



Dr. Jorge Kurita
 Professor and Research Director
 Universidad Nacional de Asuncion
 Paraguay

Dr. Jorge Kurita attended Universidad Nacional de Asuncion in Paraguay, where he got his BS in Electromechanical Engineering. After graduation, he spent some time in academia working as faculty. During this tenure, he taught courses on heat transfer, fluid mechanics, and physics. In 2004 Dr. Kurita was granted the Fulbright scholarship to attend a graduate program on Mechanical Engineering at Michigan Technological University. He has finished his MS and then continued with a doctorate program. NASA and the NSF funded his doctorate research. Dr. Kurita's contribution to his field was well-published in several papers from high-impact journals. From 2011 Dr. Kurita worked as a development engineer II in the competitive automotive industry, Filtran LLC, located in Des Plaines, Illinois. As an experimental researcher, his experience helped Filtran develop special testing techniques never implemented before on filtration systems. In addition, Dr. Kurita worked in the CAE group, contributing to developing simulation techniques to help build state-of-the-art filtration systems. Dr. Kurita participated in developing OEM filters; some

of them obtained awards from Jatco and GM. From 2016 Dr. Kurita is back to his alma mater as an assistant professor in Universidad Nacional de Asuncion. Later the same year, he is appointed to lead the research department of the School of Engineering. In 2017 he was appointed to be the Mechanical Engineering Department head at Universidad Nacional de Asuncion. In August of the same year, Dr. Kurita is awarded the "Distinguished Citizen by the City Council of Asunción" for his contributions to education in Paraguay's space sector. And in December of the same year, he was mentioned as "Outstanding Protagonist of 2017" by the newspaper Ultima Hora.

Submissions Received from Countries and Territories

1. Australia	11. Indonesia	21. Philippines	30. Trinidad and Tobago
2. Bolivia	12. Iraq	22. Portugal	31. Turkey
3. Brazil	13. Jamaica	23. Saudi Arabia	32. UK
4. Chile	14. Mexico	24. South Africa	33. United Arab Emirates
5. Colombia	15. Morocco	25. Spain	34. United States
6. Cuba	16. Namibia	26. Sri Lanka	
7. Ecuador	17. Nigeria	27. Sweden	
8. Finland	18. Pakistan	28. Taiwan	
9. Hungary	19. Paraguay	29. Thailand	
10. India	20. Peru		

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 Dr. T. Ramayah, School of Management, Universiti Sains Malaysia
 Dr. Raja Zuraidah Raja Mohd Rasi, Universiti Tun Hussein Onn Malaysia
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 Dr. Theodore B. Trafalis, University of Oklahoma, USA
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31st IEOM Global Engineering Education DISTINGUISHED SPEAKERS

July 19, Tuesday
Global Engineering Education I
2:00 – 3:45 pm – Zoom Meeting Room 2
Session Chair: Prof. Vitor

2:00 – 3:30 pm (Tuesday, July 19)

2:30 – 3:00 pm (Tuesday, July 19)

Junior A. Bennett and Arlene Mckenzie-Cawley
School of Engineering
University of Technology, Jamaica



Title: *Innovative Developments in Engineering Co-operative Education Practice for the Pandemic & Post Pandemic Periods*

Junior A. Bennett is a consultant, researcher, productivity ambassador, Industrial Engineering Lecturer and Leader of the UTech Ja Productivity Research Group at the University of Technology, Jamaica. He has supervised several undergraduate projects including projects with public and private sector companies. He earned a Bachelor of Education in Industrial Technology – Electrical from the University of Technology, Jamaica in 2007, and a Master of Science in Manufacturing Engineering Systems from the Western Illinois University in 2009. He is the First Jamaican to be certified as a Manufacturing Engineer (CMfgE) in 2017 by the Society of Manufacturing Engineers (SME). He is credited for the establishment of the UTech Ja Society of Manufacturing Engineering Student Chapter S430 and was former Faculty Advisor for four consecutive years. He is a former council member and corporate member of the Jamaica Institution of Engineers (JIE) and represents JIE on the National Commission of Science and Technology (NCST). He is a Registered Industrial Engineer with the Professional Engineering Registration Board and held memberships in IEOM, SME and IISE societies. His research interests are productivity improvement, operations research, manufacturing, Industry 4.0 and quality management. Arlene Mckenzie-Cawley is an Engineering Lecturer and Industrial Work Experience coordinator at the University of Technology, Jamaica. She has supervised several undergraduate projects and has taught several Electrical related courses. She earned a Bachelor of Electrical Engineering degree (Power major), from the University of Technology, Jamaica in 1998, and a Master of Science in Power Electronics and Drives from University of Birmingham, England in 2003. She is a corporate member of the Jamaica Institution of Engineers (JIE) and a member of Institute of Electrical and Electronics Engineers (IEEE). Her research interests are regulated DC-DC converter, renewable energy (ocean wave technology), energy management and Industry 4.0.

3:00 am – 3:30 pm (Tuesday, July 19)



Prof. Vitor Mendes Caldana
Federal Institute of Sao Paulo (IFSP) – Sorocaba Campus
Sorocaba, Sao Paulo, Brazil

Began the academic career with a technician course in Electronics from Liceu de Artes e Oficios (1999) followed by an undergraduate degree in Electronic Engineering from Universidade Presbiteriana Mackenzie in 2004. In 2016, finished the Masters course in Industrial Engineering with the Quality of Engineering Education and its Relation to Regional Development as his area of research. As a technical profession, from 1999 until 2016, started in Caltronic Automação Industrial, a service-based company in Brazil that represents American and European automation equipment for the printing industry, and finished as Service and Projects Manager, serving not only Brazil but the whole of South America with services performed also in USA and China. During the professional career took several courses in USA and Europe to Automation and dedicated equipment maintenance. In 2016 left the company for full-time dedication to IFSP. In 2014 began his teaching career in FIEB as a substitute teacher for the Technical

Course of Electronics. In 2016 moved to IFSP to start the electronics Technical Course in the city of Sorocaba and has been engaged with this project since. In this 4,5 years taught a variety of courses in electronics. In 2018 began his Research Group in Industry 4.0 and is currently working with colleagues in this research area as well as the project for the PhD.

July 19, Tuesday
Global Engineering Education II
4:00 – 5:45 pm – Zoom Meeting Room 2
Session Chair: Prof. Daniel Ohata

4:00 pm – 4:30 pm (Tuesday, July 19)



Dr. Maria Mercedes Larrondo Petrie
Professor of Computer Engineering, Florida Atlantic University, USA and
Executive Director of LACCEI

Addressing the need of developing countries for access to online labs

4:30 pm – 5:00 pm (Tuesday, July 19)



Prof Paulo Roberto Freitas de Carvalho
 Former Dean, FACENCS University
 IPFacens, a department focused on the integration of companies with Facens.

Talk Title: *Integration between companies and universities*

Born in June, 1951, with elementary and high school courses in Sorocaba, having received several awards such as the best student in school. In 1968 was granted a scholarship by AFS- American Field Service International Scholarships and spent his senior high school year in Worthington High School, Ohio, USA, graduating in 1969.

Graduated in Electrical Engineering, with emphasis in Digital Electronics, in the University of Sao Paulo- USP- in Dec. 1974. Later completed post-graduation (MBA) in Higher Education Pedagogy by UNIP.

As an internship student in 1973 participated in the software development group of automatic analysis of electrocardiograms, in the Hospital do Servidor Publico de Sao Paulo. In 1974 participated of the software simulation of the electric system of FEPASA – Sao Paulo Railways system, by PRAICE consulting company with orientation of two USP professors. From 1975 to 1979 was a research and development engineer at Engematic in Sorocaba, where he developed digital alarms annunciators and systems for oil industries. He was later appointed as coordinator of the technology transfer program of Hitachi industrial instruments.

In 1979 he started teaching Digital Electronics at FACENS in Sorocaba, where he continued as a professor and head of Electrical Engineering course up to 1984. From 1980 to 2000 worked in Splice Group, starting as Electronics Division manager, then Technology Director, and later V.P, Business Development. During the 80's main activities were the development of several products for telecom, such as signal analysers, traffic analysers, small PABX, digital telex machine, digital payphones. All with own technology.

During the 90's, with Brazilian government opening, negotiated several technology transfer and distribution agreements, such as Marconi Italy/UK (optic fibre transmission systems), Allen Telecom US (mobile telephony amplifiers), Comverse Israel/US (voice messaging systems). Participated actively in the auction for privatization of mobile telecom in Brazil, where Splice was the only Brazilian winner group (1998).

From Oct.2000 to 2006 became the Operations director for Marconi. This British company decided to have its own factory in Brazil and acquired the corresponding division of Splice. The factory was transferred from Sorocaba/Votorantim to Barueri. In 2005 Marconi was acquired worldwide by Ericsson. In 2006 coordinated the integration of Marconi's factory with Ericsson's in Sao Jose dos Campos. From 2007 to 2012 was Superintendent Director at Wobben Windpower, Brazilian subsidiary of German Enercon, leader in the manufacturing of wind electrical converters in Germany.

From 2013 in Facens, initially as vice-director, then director from 2015 to 2021. Under his leadership Facens acquired the status of university, after reaching maximum evaluation by the Ministry of Education. Since 2012 is part of the Administration Council of FUNDEC, Sorocaba's Cultural Development Foundation, responsible for the municipal music school and symphonic orchestra. Also, member of the Sorocaba CMCTI- municipal council for science, technology and innovation.

5:00 pm – 5:30 pm (Tuesday, July 19)



Prof. Daniel Ohata
 Mobile Developer and Game Designer, Ibug Solutions
 Part Time Professor, Centro Universitário Facens
 Sorocaba, São Paulo, Brazil

Talk Title: *Metaverse*

5:30 pm – 6:00 pm (Tuesday, July 19)



Dr. Esther Matemba
 Engineering Education Advisor- Lassonde Educational Innovation Studio (LEIS)
 Lassonde School of Engineering, York University, Canada
 Governing Board Member for Research in Engineering Education Network (REEN) – Africa representative
 Sessional Academic, Curtin University, Western Australia

Redefining Global Engineering Education for Africa

Esther Matemba is an engineering lecturer and an active engineering education researcher. She is currently working as an Engineering Education Advisor for Lassonde Educational Innovation Studio (LEIS) at York University. Her previous Engineering Education research experience include a Research Assistant role at Curtin University (2015), and a Research Associate role at the University of Western Australia (Feb 2019 – Aug 2019). Esther is a

Governing Board Member of Research in Engineering Education Network (REEN) representing Africa region. She has a PhD in Engineering Education from the Department of Civil Engineering at Curtin University, Australia. Her PhD titled 'Globalisation of engineers: African Professional Engineering Education Perspective', focused on issues of developing curriculum for globalisation with a particular interest on Africa. Esther also

holds a Masters of Science in Construction Management (2009), and a Bachelor of Science in Civil Engineering (2007) from the University of Dar es Salaam, Tanzania, where she also lectured for five years. She is a co-founder of a project called 'Collaboration and Method Sharing for engineering educators', founded in 2015, with the purpose of sharing student centred methods to engineering educators in Africa. Esther's research interests include curriculum for global engineers in the Global South, engineering competencies, international accreditation and African engineering education, and her work appears in different international conferences and journals.



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First IEOM Global Business Management Education DISTINGUISHED SPEAKERS

Global Business Management Education I

Wednesday, July 20, 2022, 4:00 – 5:45 pm – Room 2
Session Chair: Dr. Alireza Shokri

Speaker I – 4:00 – 4:20 pm, Wednesday, July 20

Dr. Nokhaiz Tariq

Chairperson & Assistant Professor
Faculty of Business and Management Sciences
Information Technology University
Lahore, Punjab, Pakistan

Speaker II – 4:20 – 4:40 pm, Wednesday, July 20



Dr. Aftab Alam

Professor of Marketing, Centre of Management Studies
Jamia Millia Islamia
New Delhi, India

Prof Aftab Alam is a Visiting Professor at CMS Jamia Millia Islamia for Executive MBA Program and Member Advisory Council of Harvard Business Review, USA. He has also served as Dean Faculty of Commerce and Management at Rama University Kanpur recently, its before he was also Dean FCM at Integral University, Luck now during (2013- 16), and MIMT Greater Noida (2006-2007). He has obtained his Masters, M. Com and M.Phil. from Aligarh Muslim University and has his MBA from Aligappa University, Tamilnadu. In addition, he has his PG Diploma in Travel & Tourism Management from FCI (Aligarh) Ministry of Tourism, Govt. Of India. For his higher education, he has completed his Ph.D. in Business Administration from Atlantic University Honolulu, USA.

He has been Conferred 21st Century Educational Leadership Awards 2018 and recognized as Acclaimed Educator, In addition he has also been conferred as the Distinguished Teacher in Management at MTC Management Excellence Award-2018 ceremony at Bangalore. He is also a recipient of Best Professor in Services Marketing at ICBM Conference Hyderabad on 24 Nov,2018 Further to seeing his credence in Dec 15, 2018 He was accorded 'Acclaimed Educator' and has been awarded by American Leadership Award, 2018. He has substantial experience of Teaching in the Department of Business Management with specialization of Marketing at leading Business Schools of different Institutes and Universities India in (MDI ,Gurgaon, IAMT Ghaziabad, Mangalmai Institute of Management, Asia Pacific Institute of Management, Delhi, BIMTECH, Greater Noida, Bangalore University, Madras University, and King Abdul Aziz University Jeddah.) His overall performance has been well praised thoroughly and have been awarded continuously 5 years "Distinguished Faculty" during his stay in abroad. He is having his credits of several articles /Research papers published in national and international Journals, world-renowned International conferences proceedings etc.

Speaker III – 4:40 – 5:00 pm, Wednesday, July 20

Dr. Soroush Avakh Darestani

Senior Lecturer in Business & Management
London Metropolitan University
London, England, United Kingdom

Speaker IV – 5:00 – 5:20 pm, Wednesday, July 20



Dr. Alireza Shokri

Associate Professor in Operations and Supply Chain Management
Leader for Operations, Supply Chain and Logistics Management Subject Group
Associate Editor of International Journal of Lean Six Sigma
Convener of Global Operations and Supply chain Competitiveness (GLOPSCO) Research Interest Group
Faculty of Business and Law
Northumbria University
Newcastle upon Tyne, United Kingdom

Dr Alireza Shokri is an Associate Professor (Reader) in Operations and Supply Chain Management and the subject group leader of "Operations, Supply Chain and Logistics Management" in the Department of Operations, Marketing and Systems. Prior to the current position, Alireza was the programme leader for the BA (Hon) International Business Management Programme. Before joining Newcastle Business School in 2011, Alireza had different practitioner roles including supply chain manager, quality manager, and ISO9001 internal consultant in food sector. Alireza got his first degree in Agriculture Engineering in University of Zanjan, Iran following by MSc in Food Technology in 2001 in Teesside University in the UK. Alireza completed his PhD in Lean Six Sigma application within food distribution SMEs in 2011 and since then he is working as an academic.

Alireza is passionate in teaching and research. He is very active in action research and research/Enterprise development activities. Alireza is currently leading the "Global Operations and Supply Chain Competitiveness" Research Interest Group with academic members across the globe. Alireza is also member of editorial board for the "International Journal of Lean Six Sigma". As the referee, Alireza is serving many different specialised

and high ranking journals such as "International Journal of Operations and Production Management", "International Journal of Production Economics", "International Journal of Lean Six Sigma" and "International Journal of Quality and Reliability Management". As the principal investigator, Alireza currently led a British Academy – funded project about Green application of Lean Six Sigma projects in manufacturing sector. He is also part of the project management team as the quality manager and researcher of a multi-disciplinary global EU-funded (1m Euros) project as part of "Horizon 2020" called "GETM3 Project". The latest research funded project that Alireza was involved as principal investigator was an Innovate UK-funded feasibility study (£300k) in collaboration with external partners in digital supply chain and predictive maintenance integration.

Alireza's research focuses on Lean Six Sigma and its application in service and manufacturing, Lean Six Sigma integration with Supply Chain Management, HR and Sustainability, Supply Chain Quality Management and process improvement and Lean Management. His research has been published in international leading/excellence level journals in his research including "International Journal of Operations and Production Management (ABS 4*)".

Alireza is the member of Chartered Quality Institute (CQI) as the practitioner. Alongside that, Alireza is the Fellow of Higher Education Academy (FHEA), member of Chartered Institute of Purchasing and Supply (CIPS), and member of Chartered Institute of Logistics and Transport (CILT) that is co-joint professional body with Chartered Institute of Operations Management (CIOM). Alireza is also a certified Lean Six Sigma Green belt with professional capability of leading on lean Six Sigma projects.

Alireza is keen on working with local, national and international businesses and he is the strong believer on "Research in Practice". Alireza is currently working with leading organisations such as "Unipress", "Nifco", "NBT", "North East Chamber of Commerce", "North East Freight Partnership", etc.

Speaker V – 5:20 – 4:40 pm, Wednesday, July 20



Professor Abdul Talib Bon, Ph.D.
 Professor of Technology Management
 Department of Production and Operations Management
 Faculty of Technology Management and Business
 Universiti Tun Hussein Onn Malaysia

Dr. Abdul Talib Bon is Professor of Technology Management in Department of Production and Operations Management, Faculty of Technology Management and Business at the Universiti Tun Hussein Onn Malaysia. He has a PhD in Computer Science, which he obtained from the Universite de La Rochelle, France in the year 2008. His doctoral thesis was on topic Process Quality Improvement on Beltline Moulding Manufacturing. He studied Business Administration major in Quality Management at the master's level in the Universiti Kebangsaan Malaysia for which he was awarded the MBA in the year 1998. He's bachelor degree and diploma in Mechanical Engineering which he obtained from the Universiti Teknologi Malaysia. He received his postgraduate certificate in Mechatronics and Robotics from Carlisle, United Kingdom in 1997. He is Managing Director of UTHM Teaching Factory and Manager of Centre for Technology (Furniture Innovation Technology) from 1 September 2016 and Head of Program Bachelor of Technology Management (Furniture Design and Manufacturing) with Honours from 2014 until now. Before this he was the Deputy Dean (Research and Development) at the Faculty of Technology Management and Business in the Universiti Tun Hussein Onn Malaysia from 2008 until December 2011. Dr. Abdul Talib Bon has had over 28 year experience of teaching in higher learning education. A major part of his teaching experience involves teaching mechanical engineering students in polytechnics. However, from the year 1999, he was given the opportunity to be jointed in the Institut Teknologi Tun Hussein Onn (ITTHO), Universiti Teknologi Malaysia as a lecturer in Mechanical Engineering Department. In this institute, he teaches engineering management and quality control at the under-graduate level. Dr. Abdul Talib Bon has multidisciplinary research interests that encompass industrial engineering, quality management and production and operation management. His completed ten research grant projects include applications of forecasting in industries. His current research project is looking into developing process quality improvement (PQI) in manufacturing industries. He has supervised more than 65 undergraduate and postgraduate research projects. He has served as a reviewer for a number of engineering management and computer science conferences and journals as part of his expertise sharing initiatives. He had published more than 150 International Proceedings and International Journals and 8 books. He is also President of Industrial Engineering and Operation Management Society (IEOMS, Malaysia), Council member of Management Science and Operation Research Society of Malaysia (MSORSM), member of International Association of Engineers (IAENG), member of Institute of Industrial Engineer (IIE), USA, member of International Institute of Forecasters (IIF), member of Technological Association of Malaysia (TAM) and associate member of Malaysian Institute of Management (AMIM).

Global Business Management Education II

Thursday, July 21, 2022, 4:00 – 5:45 pm – Room 2

Session Chair: Dr. Muhammad Ikhsan Setiawan

Speaker I – 4:00 – 4:20 pm, Thursday, July 21



Prof. Dr. Yigit Kazancoglu
 Professor and Dept. Head
 Dept. of Logistics Management
 Faculty of Business
 Yasar University
 Bornova, Izmir, Turkey

Prof. Yiğit Kazançoğlu graduated from Izmir American College in 1998. Kazancoglu received his B.S. degree from Eastern Mediterranean University, Dept. of Industrial Engineering as an Honour student and second in dept. ranking. He has graduated from Coventry University, England, MBA and Izmir University of Economics MBA programs as a High Honour student, respectively in 2003 and 2004. Kazancoglu has received his PhD. at Ege University (Production & Operations Management). He was a research assistant between 2002-2005, instructor between 2005-2008, Assistant Professor Dr. between 2008-2013; and Associate Professor Dr. between January 2014-2016 in Izmir University of Economics, Dept. of Business Administration. Between December 2016 – May 2019 he worked as Associate Professor Dr. in Yasar University, International Logistics Management Department. In May 2019, he is assigned as Full Professor Dr. in the same department. He completed his military service as an academician in Turkish Military Academy in 2009. He was the director of Izmir University of

Economics Continuing Education Center (EKOSEM) between 2009-2014 and member of the executive board in Center for Urban and Regional Development and Environment (URDE/EKOKENT) between 2008-2016. He is the head of International Logistics Management Department in Yasar University since 2017. He has published many papers in reputed international journals (International Journal of Production Research, Production Planning and Control, Business Strategy and the Environment, Journal of Cleaner Production, International Journal of Logistics Management, Expert Systems with Applications, Annals of Operations Research, Transportation Research Part – E, Technological Forecasting and Social Change, Sustainable Cities and Society, Sustainable Production and Consumption, Resource Conservation and Recycling, Environmental Science and Pollution Research, Sustainable Development, Journal Material Cycles and Waste Management, Computers and Operations Research, Journal of Global Information Management, Science of Total Environment; Operations Management Research, Journal of Enterprise Information Management, International Journal of Logistics Research and Applications, Industrial Data and Management System, International Journal of Quality and Reliability Management). His research areas are: Operations Management, Supply Chain Management, Total Quality Management, Sustainability, Circular Economy, MCDM multi criteria decision making methods. Prof. Dr. Kazançoğlu, is ranked as the top scholar in Turkey according to P-Rank (2016-2021) based on both "ABDC Journal Quality List" ve "Scimago Journal Ranks". He is associate editor in IJMMS (International Journal of Mathematical, Engineering and Management Sciences – indexed in Scopus & ESCI).

Speaker II – 4:20 – 4:40 pm, Thursday, July 21



Dr. Hayder Zghair
Assistant Professor of Industrial Engineering
College of Physics and Engineering
Southern Arkansas University, USA

Dr. Hayder Zghair is an assistant professor of industrial engineering in the College of Physics and Engineering at Southern Arkansas University, USA. Dr. Zghair earned Master's degree in Manufacturing Systems Engineering and Doctor's Degree in Manufacturing Systems Engineering from Lawrence Technological University, Michigan, USA. He has published several peer reviews papers in many journals and conferences. Dr. Zghair's research interest covers industrial systems flexibility, automation, and robotics, using analytical modeling, simulation, and optimization. Dr. Zghair's teaching experience covers five main areas of industrial engineering, systems modeling and simulation, IIoT and automation integration, ergonomics and workplace design, engineering economics, applied control-PLC, and lean manufacturing; smart manufacturing. Dr. Zghair's academic services include but are not

limited to curriculum development, ABET accreditation, articles/papers reviewing, and conference committees. He is also member of ASEE, SAE, and IEOM.

Speaker III – 4:40 – 5:00 pm, Thursday, July 21

Speaker IV – 5:00 – 5:20 pm, Thursday, July 21



Dr. Ahm Shamsuzzoha
Tenure Track Professor
School of Technology and Innovations
Digital Economy Research Platform
University of Vaasa
Vaasa, Ostrobothnia, Finland

Dr. Ahm Shamsuzzoha is working as a Tenure Track Professor, Industrial Systems Analytics program, School of Technology and Innovations and in the Digital Economy Research Platform, University of Vaasa, Finland. He worked as an Assistant Professor at Sultan Qaboos University, Oman, and an Associate Professor at Shahjalal University of Science and Technology, Bangladesh. He received his Master's degree in Mechanical Engineering, majoring in Energy and Environment from the University of Strathclyde, UK, and Ph.D. in Industrial Management from the University of Vaasa, Finland. He is currently involved in several European Union projects as well as nationally funded projects in Finland. His research interests are mainly focused on greener innovation,

entrepreneurship, supply chain and logistics management, product development, innovation management, etc.

Speaker V – 5:20 – 5:40 pm, Thursday, July 21



Dr. Muhammad Ikhsan Setiawan
Vice Rector
Faculty at Faculty of Civil Engineering
Narotama University
Surabaya, Indonesia

Muhammad Ikhsan Setiawan received his Bachelor Civil Engineering (1998) Universitas Merdeka Malang Indonesia, Master Civil Engineering (2000) Universitas Indonesia and Doctor Civil Engineering (2018) Universitas Tarumanagara Indonesia. Currently as Vice Rector and an Assistant Professor at Faculty of Civil Engineering Narotama University Indonesia also registered as Engineer Expert Certified. He currently leads a research team grant from Ministry of Education, Indonesia since 2009 in Sustainability, Business and

Digital Transportation, also Tourism and Regional Economic, include Smart City. He is also a Chairman of WORLDCONFERENCE (Indonesia International eConference), Vice President of iPEST (Indonesia International Expert Forum), Secretary of DPP ADRI (Indonesia Expert and Lecturer Association), Vice Director of PT Songsong Buana Jakarta Indonesia, member of IEEE, author of 92 SCOPUS documents, editor and reviewers Journal in SCOPUS, DOAJ, CROSSREF, GOOGLE and SINTA(Indonesia indexed)

30th IEOM Industry Solutions

Distinguished Speakers

Industry Solutions I

July 20, 2022, Wednesday, (2:00 – 3:45 pm) – Zoom Meeting Room 2
Session Chair: Dr. Aneesh Zutshi

2:00 – 2:20 pm (Wednesday)

Felix Peña

CEO
Coworking Labs EAS
Paraguay

2:20 – 2:40 pm (Wednesday)

Dr. Imran Ahmad Rana

Quality Management & Analytics Head
TCL, Lahore
Pakistan

2:40 – 3:00 pm (Wednesday)

Aldo Marcos Moscarda

Director
MARCOS Ingenieros constructores. (Antes Hidrovial Consultores)
Paraguay

3:00 – 3:20 pm (Wednesday)

Gabriel Gonzalez Morra

Director – Lean Six Sigma Institute LLC
Director – Advance Business Advisors
Associate Professor, UCOM – Universidad Comunera
Paraguay

3:20 – 3:40 pm (Wednesday)

Dr. Aneesh Zutshi

Assistant Professor
Research & Educator on Digital Platforms and Blockchain Technologies
Universidade Nova de Lisboa
Lisbon, Portugal

Industry Solutions II

July 20, 2022, Wednesday (4:00 – 5:45 pm) – Zoom Meeting Room 2
Session Chair: Guillermo Parra Romero

4:00 – 4:20 pm (Wednesday)

Mehmet Kursunlu

Founder, VP & CTO
MARS LABS
Istanbul, Turkey

4:20 – 4:40 pm (Wednesday)

Mr. Luis Bramante

4:40 – 5:00 pm (Wednesday)

Guillermo Parra Romero, MSCSE

Control Systems Engineer
TEACS – Technology, Engineering and Control Systems
Paraguay

5:00 – 5:20 pm (Wednesday)

Aly Sodhro, PhD

Senior Lecturer

Kristianstad University

Kristianstad, Skåne County, Sweden

5:20 – 5:40 pm (Wednesday)

Mr. Brian Benigo

Infinity Safe

Threat Response in Cyber Security

4th IEOM South American Industrial Engineering and Operations Management Conference

Lima, Peru, May 9-11, 2023, Venue: JW Marriott Hotel Lima

<https://ieomsociety.org/peru2023/>



4th South American Conference on Industrial Engineering & Operations Management
 Lima, Peru, May 9-11, 2023
IEOM Society Venue: JW Marriott Hotel Lima



Hosts



Partner Universities



Conference Chairs



Dr. Mario Chauca
 Conference Chair
 Professor
 Dept. of Industrial Engineering
 Universidad Ricardo Palma
 Santiago de Surco
 Lima Peru



Dr. Ahad Ali
 Conference Co-Chair
 Associate Professor and
 Director of Industrial Engineering
 Lawrence Technological University
 Southfield, Michigan, USA
 Executive Director, IEOM Society



Mag. Ing. Luis Alberto Zuloaga Rotta
 Conference Co-Chair
 Decano, Facultad De Ingeniería Industrial Y De Sistemas,
 Universidad Nacional de Ingeniería (UNI), Lima, Perú



Ing. MBA Martín Fidel Collao-Díaz
 Conference Co-Chair
 Professor, Facultad de Ingeniería y Arquitectura
 Universidad de Lima,
 Perú



Dr. Sandro Paz
 Conference Co-Chair
 Professor and Director
 Department of Industrial Engineering Program
 Pontificia Universidad Católica del Perú (PUCP)

10th IEOM Global Supply Chain and Logistics

DISTINGUISHED SPEAKERS

Global Supply Chain and Logistics I

July 21, Thursday, 8:00 – 9:30 am – Room 2

Session Chair: Dr. Ferdoush Saleheen

Speaker I – 8:00 – 8:30 am



Samrat Ray
Assistant Professor
Makaut University
Kolkata, West Bengal, India

Samrat Ray is an assistant professor based out of India. He has been a Russian government Scholar and researcher in a top 100 global university based out of St Petersburg Russia. He has authored several papers in peer reviewed reputed publications.

Speaker II – 8:30 – 9:00 am

Yousuf Al Khamisi
Chief Executive Officer
Business Development and Quality
Muscat, Masqat, Oman

Speaker III – 9:00 – 9:30 am



Dr. Ferdoush Saleheen, FCILT
Supply Chain Management Transformation Specialist
Chief Supply Chain Officer, Partex Star Group (Bangladesh)

Dr. Ferdoush Saleheen brings more than 20 years of end-to-end Supply Chain Management experience working with multinationals and local conglomerates in Fast Moving Consumer Goods (FMCG), Household Electronics, and Agrobusiness both in the manufacturing and retail industry in South East Asia as such Singer, LG, Akij and Partex Star Group. He is a Supply Chain and Business Transformation specialist and transformed operations at Akij Food & Beverage Ltd, and LG Bangladesh as Head of Supply Chain and managed integrated operations from planning, procurement, foreign trade, manufacturing, warehouse, and logistics. He is currently working as Chief Supply Chain Officer at Partex Star Group (Danish) which is involved in Milk Powder, Condensed Milk, Tea, Tissue, Snacks, and Steel business.

Apart from corporate, Dr. Ferdoush is also involved in academia and since 2014, he has been working as an Asst. Professor of Supply Chain and teaches in MS, MBA, and Executive MBA at BRAC University, ULAB University in Bangladesh. He is also a guest faculty at the University of Hull in the UK. Academically, Dr. Ferdoush Saleheen obtained his PhD degree in Supply Chain Management from AACSB accredited Malaysian Government University – Universiti Utara Malaysia, MS degree in Logistics from University of Texas at Arlington in the United States, and MBA degree from Victoria University Melbourne, Australia. Dr. Ferdoush is a Fellow at the Chartered Institute of Logistics and Transport (CILT), International - the highest professional body for Logistics and Transport professionals in the UK. He has more than 30 global publications in journal and conference proceedings on Supply Chain Management, Operations, and Management in Scopus, Web of Science (WoS), IGI Global, Nova Publishers, etc.

Global Supply Chain and Logistics II

July 21, Thursday, 2:00 pm – 3:30 pm – Room 2

Session Chair: Md Jaman, Pepsico

Speaker I – 2:00 – 2:30 pm

Dr. Mesbahuddin Chowdhury
Senior Lecturer in Operations and Supply Chain Management
University of Canterbury
Canterbury, New Zealand

Speaker II – 2:30 – 3:00 pm

Md Jaman

Supply Chain Planner

Pepsico

Wichita, Kansas, United States

Md Jaman is a Supply Chain Planner at Pepsico where he oversees the supply chain, from raw to finished goods, of the innovation and current products produced in Kansas, United States. He proactively engaged with cross-functional teams to achieve a streamlined supply chain. Prior to Pepsico, he worked at AGCO Corporation, a leading ag global industry, where he was a key player to launch global new products as well as migrating to a digital manufacturing environment by launching the Teamcenter Product Lifecycle Management system and introducing new change management and electronic work instruction to eliminate paper prints. He also worked at CNH Industrial and Linde Bangladesh Limited. He has an advanced degree in industrial engineering from Wichita State University, USA. He has Six Sigma Green Belt Certification from the American Society for Quality (ASQ).

Speaker III – 3:00 – 3:30 pm

Parallel Sessions

All Times are in Paraguay Time

MONDAY, July 18, 2022 - Competitions

	Room 1	Room 2	Room 3	Room 4	Room 5
6:00 – 7:45 am	e-Business	Entrepreneurship	IT	Lean	Business Management
8:00 – 9:45 am	Undergraduate Paper Competition	Undergrad Research Competition	Lean Six Sigma Competition	SCM	Sustainability
10:00 – 11:45 am	Undergraduate Paper Competition	Graduate Paper Competition	MS Thesis and SCM Competition	Industry 4.0	Business Management
12:00 – 1:45 pm	Undergraduate Paper Competition	PhD Dissertation Competition Simulation Competition	Sr. Design Competition	IoT	Engineering Education
2:00 – 4:00 pm	Undergraduate Paper Competition	Poster Competition	High School STEM Competition	AI	OM

TUESDAY, July 19, 2022

	Room 1	Room 2	Room 3	Room 4
6:00	Design and Analysis	Construction Management	e-Business	Innovation HF
8:00	Plenary I	GEE I	Data Analytics	Case Studies Cyber Security
10:00	Welcome Address from Host - Room 1			
10:20	Keynote I (Opening Keynote): Mr. Sumihiro Takaoka, President, Sumi S.A. President, Japan Paraguay Chamber of Commerce - Room 1			
11:00	Keynote II: Dr. Heriberto García-Reyes, PhD, Regional Chairman, Industrial Engineering Department, Tecnológico de Monterrey, Monterrey, Mexico - Room 1			
11:40	Keynote III: Professor Duc Truong Pham, Chance Professor of Engineering, Director of Research, Department of Mechanical Engineering, University of Birmingham, Birmingham B15 2TT United Kingdom - (Room 1)			
12:20	Keynote IV: Dr. Sérgio Shimura, Federal Institute of Education, Science and Technology of São Paulo, Brazil - (Room 1)			
1:00	Lunch Break			
2:00	Electromobility Panel	GEE II	Lean Six Sigma	
4:00	Women in Industry and Academia Panel	Plenary II		

Wednesday, July 20, 2022

	Room 1	Room 2	Room 3	Room 4
6:00	e-Business	Decision Sciences	Environmental Engineering	Manufacturing OM
8:00	Plenary III	Industry Solutions I	Case Studies	BM Applied Statistics
10:00	Welcome Address from Host - (Room 1)			
10:20	Keynote V: Claudio Vierci, Director-Presidente, Vierci Development, Paraguay- (Room 1)			
11:00	Keynote VI: Dr. Clinton AIGBAVBOA, Professor, Department of Construction Management and Quantity Surveying, University of Johannesburg, South Africa-Room 1			
11:40	Keynote VII: Jill Hosmer- Jolley PhD, MBA, Neurodiversity Accessibility Consultant, MBA Faculty, California State University, Monterey Bay, Management coaching. DEI. CSR. HR. OB., Monterey, California, USA- (Room 1)			
12:20	Keynote VIII: Alfred Fast, CEO, Fecoprod Ltda. and President, El Instituto de Biotecnología Agrícola (INBIO), Asuncion Paraguay- (Room 1)			
1:00	Lunch Break			
2:00	Lean Six Sigma Panel	Industry Solutions II		
4:00	Panel on "The Impact of Extra Curriculum Activities in Professional Performance"	Global Business Management Education I		

Thursday, July 21, 2022

	Room 1	Room 2	Room 3	Room 4	Room 5
6:00	AI	SCM	Technology Management	OM	OM
8:00	Plenary IV	GSCM I	BM	BM	Case Studies
10:00	Welcome Address from Host – Room 1				
10:20	Keynote IX: Marco Carvalho, CEO, Matza Education, São Paulo (SP), Brazil - Room 1				
11:00	Keynote X: Prof. Samuel Wiens Bartel, Profesor, Universitario para Liderazgo y Desarrollo Personal, Paraguay -Room 1				
11:40	Keynote XI: Dr. Mario Chauca, Professor, Ricardo Palma University, Santiago de Surco, Peru - (Room 1)				
12:20	Keynote XII: Prof. Dr. Marcelo Castier, Dean of the Faculty of Engineering Sciences, UPA – Universidad Paraguayo Alemana / German Paraguayan University, San Lorenzo, Paraguay - (Room 1)				
1:00	Keynote XIII: Michel Baudin, Owner, Takt Times Group, Co-founder, Grokcity, Inc., Palo Alto, California, United States				
1:30	Lunch Break				
2:00	Diversity and Inclusion Panel	GSCM II			
4:00	GSCM Panel	Global Business Management Education II			
7:00	7:00 – 10:00 pm Conference Awards Ceremony				

July 18 (MONDAY) - Session: 6:00 – 7:45 am

6:00 – 7:45 am, MONDAY**e-Business/e-Service/e-Commerce****Room 1**

Session Chair: Fithria Khairina Damanik, Bina Nusantara University, Jakarta, 11480, Indonesia

ID 47 Blockchain technology for Fraud Detection and Risk Prevention in Insurance Industry

Inayatulloh, Information Systems Department, School of Information system, Bina Nusantara University, Jakarta, Indonesia 11480
 Siti Elda Hiererra, Information Systems Department, School of Information system, Bina Nusantara University, Jakarta, Indonesia 11480
 Prasetya Cahya S, Information Systems Department, School of Information system, Bina Nusantara University, Jakarta, Indonesia 11480
 Rozali Toyib, Universitas Muhammadiyah, Bengkulu, Indonesia
 Nico Djundharto Djajasinga, Politeknik Transportasi Darat Indonesia-STTD
 Sawqi Saad El Hasan, Sekolah Tinggi Ekonomi Bisnis Islam Syari'ah Bina Mandiri
 Rofiq Noorman Haryadi, Sekolah Tinggi Ekonomi Bisnis Islam Syariah Bina Mandiri, Bogor, Indonesia 11480
 Rivaldhy N. Muhammad, Study Program of Law, Faculty of Law, Social and Political Sciences, Open University, Indonesia

ID 48 E-government Model as Information Centre for Society and Community to Support Public Services Base on Mobile Technology

Inayatulloh, Information Systems Department, School of Information system, Bina Nusantara University, Jakarta, Indonesia 11480
 Rivaldhy N. Muhammad, Study Program of Law, Faculty of Law, Social and Political Sciences, Open University, Indonesia
 Siti Elda Hiererra, Information Systems Department, School of Information system, Bina Nusantara University, Jakarta, Indonesia 11480
 Prasetya Cahya S, Information Systems Department, School of Information system, Bina Nusantara University, Jakarta, Indonesia 11480
 Nico Djundharto Djajasinga, Politeknik Transportasi Darat Indonesia-STTD
 Enggal Sriwardiningsih, Management Department, Binus Business School, Bina Nusantara University, Jakarta, Indonesia,
 Indra Kusumadi Hartono, Information Systems Department, School of Information system, Bina Nusantara University, Jakarta, Indonesia 11480
 Rozali Toyib, Universitas Muhammadiyah, Bengkulu, Indonesia

ID 49 E-government Model as Information Centre for Society and Community to Support Public Services Base on Mobile Technology

Inayatulloh, Information Systems Department, School of Information system, Bina Nusantara University, Jakarta, Indonesia 11480
 Rivaldhy N. Muhammad, Study Program of Law, Faculty of Law, Social and Political Sciences, Open University, Indonesia
 Siti Elda Hiererra, Information Systems Department, School of Information system, Bina Nusantara University, Jakarta, Indonesia 11480
 Prasetya Cahya S, Information Systems Department, School of Information system, Bina Nusantara University, Jakarta, Indonesia 11480
 Nico Djundharto Djajasinga, Politeknik Transportasi Darat Indonesia-STTD
 Enggal Sriwardiningsih, Management Department, Binus Business School, Bina Nusantara University, Jakarta, Indonesia,
 Indra Kusumadi Hartono, Information Systems Department, School of Information system, Bina Nusantara University, Jakarta, Indonesia 11480
 Rozali Toyib, Universitas Muhammadiyah, Bengkulu, Indonesia

ID 66 Blockchain Technology to Improve Transparency Halal Food Global Supply Chain

Inayatulloh, Information Systems Department, School of Information system, Bina Nusantara University, Jakarta, Indonesia 11480
 Maisyarah Rahmi Hasan, Islamic Economic Law Department, Faculty of Sharia, Universitas Islam Negeri Sultan Aji Muhammad Idris Samarinda,
 Destiana Kumala, Sekolah Tinggi Ekonomi Bisnis Islam Syariah Bina Mandiri, Bogor, Indonesia 11480
 Rozali Toyib, Universitas Muhammadiyah, Bengkulu, Indonesia
 Sawqi Saad El Hasan, Sekolah Tinggi Ekonomi Bisnis Islam Syari'ah Bina Mandiri.
 Muhammad Abrar Kasmin Hutagalung, Universitas Potensi Utama
 Rofiq Noorman Haryadi, Sekolah Tinggi Ekonomi Bisnis Islam Syariah Bina Mandiri, Bogor, Indonesia 11480
 Muhammad Salman Al Farisi, Sekolah Tinggi Ekonomi Bisnis Syari'ah Bina Mandiri

ID 82 Adoption of Internet of Thing (IoT) in Smart Hotels to Increase Supply Efficiency with Hotel Equipment Vendor

Inayatulloh, Information Systems Department, School of Information system, Bina Nusantara University, Jakarta, Indonesia 11480
 Enggal Sriwardiningsih, Management Department, Binus Business School, Bina Nusantara University, Jakarta, Indonesia,
 Ade Fadli Fachrul, STTD Al Hikmah, Jakarta, Indonesia
 Rajiv Dharma Mangruwa, Communication and Business-Telkom University, Bandung, Indonesia, Azman Hashim International Business School –
 University of Technology Malaysia, Malaysia
 Muhammad Salman Al Farisi, Sekolah Tinggi Ekonomi Bisnis Syari'ah Bina Mandiri
 Rizky Muslim Fadhilah Fachri, Data Science Cyber Security Swiss German University
 Reni Nuraeni, Communication Studies Program, Faculty of Communication and Business, Telkom University
 Rivaldhy N. Muhammad, Study Program of Law, Faculty of Law, Social and Political Sciences, Open University, Indonesia

ID 151 Smart Tourism Destination: A Comparative Study for Five Super Priority Destinations in Indonesia

Fithria Khairina Damanik, Hana Ulinnuha, Wendy Purnama Tarigan, Lecturer at Tourism Destination Department, Faculty of Economics and
 Communication, Bina Nusantara University, Jakarta, 11480, Indonesia
 Ersalora Lutfianti, Researcher at Centre of Tourism Planning and Development, Bandung Institute of Technology, Bandung, 40116, Indonesia
 Theodora Evelyn Wijaya, Olivia Oh, 4Student at Tourism Destination Department, Faculty of Economics and Communication, Bina Nusantara
 University, Jakarta, 11480, Indonesia

ID 161 Measuring the Effect of Instagram Features on Jakarta's Coffee Shop Customer Engagement

Natasya, Marketing Communication Program, Communication Department, Faculty of Digital Communication and Hotel & Tourism, Bina Nusantara
 University, Jakarta, Indonesia
 Amia Luthfia, Marketing Communication Program, Communication Department, Faculty of Digital Communication and Hotel & Tourism, Bina
 Nusantara University, Jakarta, Indonesia

6:00 – 7:45 am, MONDAY**Entrepreneurship and Innovation****Room 2**

Session Chair: Dhiya Falha Idfi, School of Communication and Business Telkom University, Indonesia

ID 76 Entrepreneurial Skills in Small and Medium Enterprises: A Systematic Review

Agung Purnomo and Febby Candra Pratama, Entrepreneurship Department, BINUS Business School Undergraduate Program, Bina Nusantara University, Jakarta 11480, Indonesia

Andre Septianto and Elsa Rosyidah, Institute for Research and Community Services, Universitas Nahdlatul Ulama Sidoarjo, Sidoarjo 61218, Indonesia

Evaristus Didik Madyatmadja, Information Systems Department, School of Information Systems, Bina Nusantara University, Jakarta 11480, Indonesia

ID 174 The Role of Entrepreneurial Experience in Empowering Higher Education Students in Greater Jakarta

Maria Grace Herlina*, Hardijanto Saroso, Senior Lecturer, Management Department, BINUS Business School Undergraduate Program, Bina Nusantara University, Jakarta, Indonesia 11480

Banu Rinaldi, Senior Lecturer, Business Creation Program, Management Department, BINUS Business School Undergraduate Program, Bina Nusantara University, Jakarta, Indonesia 11480

ID 184 Estrategias Del Perfil Emprendedor De Los Microempresarios Desde La Mirada De La Cultura De Liderazgo, Rango De Estudio Años 2017 – 2021**ID 185 Areas in MSMEs' Business Processes that Require New Ideas on a Regular Basis**

Puji Prabowo, Entrepreneurship Department, BINUS Business School Undergraduate Program, Bina Nusantara University, Jakarta, Indonesia

ID 186 Digital Marketing Learning Needs for Business Incubator Participants

Puji Prabowo, Entrepreneurship Department, BINUS Business School Undergraduate Program, Bina Nusantara University, Jakarta, Indonesia

ID 6 Trends in Entrepreneurship Education and Suggestions for Future Research Direction

Eren Ozgen, College of Business, Florida State University, Panama City, Florida 32405-1099 USA

ID 22 Analysis of the determinants of M-learning: The Case of Bolivia

Boris Christian Herbas Torrico and Marco Antonio Cueto Daza, Exact Sciences and Engineering Research Center (CICEI), Bolivian Catholic University, Cochabamba, Bolivia

ID 455 The Effect of Career Development And Work Dicipline on Employee Performance Pt Telkom Purwokerto

Dhiya Falha Idfi, and Romat Saragih, School of Communication and Business Telkom University, Indonesia

6:00 – 7:45 am, MONDAY**Information Systems and Information Technology****Room 3**

Session Chair: Luz Labrin-Inzunza, Universidad del Bío-Bío, Concepción, Chile

ID 219 A Tutorial on Cognitive Radio Principles and Spectrum Sensing

Hussaini Adamu, Salawudeen Nathaniel, Abubakar Sadiq Mohammed, and Paulson Eberechukwu N, Department of Telecommunication Engineering, School of Electrical Engineering and Technology, Federal University of Technology, Minna, Niger State, Nigeria

ID 220 Development of Online Training Application Using a Learning Management System (Case Study: PT. Delta Sinergi Prima)

Rizqi Putri Nourma Budiarti, Mas Syahdan Filsafan, Endang Sulistyani, Heni Agustina, Universitas Nahdlatul Ulama Surabaya, Surabaya, Indonesia

ID 260 Marketplace Application Development for Supporting the Economic Growth in the Covid-19 Pandemic Era with Flutter Technology

Tarimantan Sanberto Saragih, Department of Information Systems, Faculty of Computer Science, Universitas Mercu Buana, Jakarta, Indonesia 11610

Student at Doctoral Program of Leadership and Policy Innovation, The Graduate School of Universitas Gadjah Mada, Jl. Tevesia, Bulaksumur, Yogyakarta, Indonesia 55281

Tota Pirdo Kasih, Professional Engineer Program Department, Faculty of Engineering, Bina Nusantara University, Jakarta, Indonesia 11480

Tarimantan Sanberto Saragih, Erwin Wibowo, An Nisa Pramasanti, M Andika Putra, BPJS Ketenagakerjaan, East Java Regional Office, Jl. Raya Juanda No. 52, Sidoarjo, East Java, Indonesia 61253.

ID 287 Information Technology Governance in Public Sector & Government Institution: A Systematic Literature Review

Prasetya Cahya S, BINUS Graduate Program, Doctor of Computer Science, Bina Nusantara University, Jakarta, Indonesia 11480

Ford Lumban Gaol, Computer Science Department, BINUS Graduate Program, Doctor of Computer Science, Bina Nusantara University, Jakarta, Indonesia 11480

Suhono Harso Supangkat, Smart Cities and Communities Innovation Center, Institut Teknologi Bandung 40312, Bandung, Indonesia

Benny Ranti, Computer Science Department, Faculty of Computer Science, Universitas Indonesia, Depok, Indonesia 16424

ID 296 Computer Graphic Education: A Bibliometric Analysis

Victor Adiluhung Abednego, Satriya Dirgantara, Novida Nur Miftakhul Arif, Donna Carollina, Visual Communication Design Department, School of Design, Bina Nusantara University, Jakarta, Indonesia 11480

Fairuz Iqbal Maulana, Computer Science Department, School of Computer Science, Bina Nusantara University, Jakarta, Indonesia 11480

ID 11 What is Said About Elderly People in Chile: An Analysis of Topics from Most Influential Broadcasters on Twitter

Esteban Brito-Quinlan, Patricio Ramírez-Correa, Jorge Alfaro-Pérez, School of Engineering, Universidad Católica del Norte, Coquimbo, 1781421, Chile

ID 12 Adoption of Electronic Payment among Entrepreneurial Elderly: A Proposal for an Instrument to Measure its Adoption in Chile

Luz Labrin-Inzunza, Universidad del Bío-Bío, Concepción, Chile

Patricio Ramírez-Correa, Universidad Católica del Norte, Coquimbo, Chile
 Elizabeth E. Grandón, Universidad del Bío-Bío, Concepción, Chile

ID 13 Proposal of an Innovative Measurement Instrument for the Adoption of Electronic Commerce in the Elderly: An Elicitation Study Based on the Theory of Planned Behavior

Nadia Soto-Hernández, Universidad del Bío-Bío, Concepción, Chile
 Elizabeth E. Grandón, Universidad del Bío-Bío, Concepción, Chile
 Patricio Ramírez-Correa, Universidad Católica del Norte, Coquimbo, Chile

6:00 – 7:45 am, MONDAY

Lean and Industry Best Practices

Room 4

Session Chair: Yuvinne Nicolay Guerrero Segovia, USFQ, Ecuador

ID 224 Artificial Intelligence as Support for Product Companies Servitization

Jassen Rodrigues da Silva and Alejandro Germán Frank, NEO-UFRGS, Brazil

ID 323 A Systematic Review of Literature about the Influence for Right Project Management Apply to the Good Practices of Lean Manufacture

María Angélica Rodríguez Sánchez, Student of master's degree / Industrial Engineer, Posgrado CIATEQ A.C./ MI Metal Processing Mexicana, Aguascalientes, Aguascalientes, México
 José Carlos Hernández González, Research Associate in Logistics and Supply Chain / Specialized Engineer, IT Management, electronics, and control, CIATEQ A.C, Villahermosa, Tabasco, México

ID 346 Videos to Enhance Level of Interest in Television Shows through YouTube: A Qualitative Study

Irmawan Rahyadi, Communication Department, Master of Strategic Marketing Communication - Binus Graduate Program. Binus University. Indonesia

ID 315 Market Basket Analysis with Equivalence Class Transformation Algorithm (ECLAT) For Inventory Management Using Economic Order Quantity (EOQ)

Ifa Fauziah, Student at Industrial Engineering, Universitas Islam Negeri Sultan Syarif Kasim Riau
 Muhammad Rizki, Assistant Professor Industrial Engineering, Universitas Islam Negeri Sultan Syarif Kasim Riau
 Misra Hartati, Assistant Professor Industrial Engineering, Universitas Islam Negeri Sultan Syarif Kasim Riau
 Nazaruddin, Assistant Professor Industrial Engineering, Universitas Islam Negeri Sultan Syarif Kasim Riau
 Anwardi, Assistant Professor Industrial Engineering, Universitas Islam Negeri Sultan Syarif Kasim Riau
 Fitra Lestari, Associated Professor Industrial Engineering, Universitas Islam Negeri Sultan Syarif Kasim Riau

ID 35 Application of Lean Six Sigma in the Ecuadorian Dairy Industry: Variability Reduction of the Net Weight of Cheeses

Yuvinne Nicolay Guerrero Segovia, USFQ, Ecuador

ID 221 Improvement of the Emergency service of an Ecuadorian children's hospital through Lean Six Sigma

Marcos Buestán Benavides, Cinthia C. Pérez, Andrea García Burgos, Bryan Cantos Sandoya
 Facultad de Ingeniería en Mecánica y Ciencias de la Producción, Escuela Superior Politécnica del Litoral, ESPOL, Campus Gustavo Galindo, Guayaquil 090902, Ecuador

6:00 – 7:45 am, MONDAY

Business Management

Room 5

Session Chair: Rizki Amalia Elfita, Universitas Nahdlatul Ulama Surabaya, Surabaya, Indonesia

ID 154 Role of Accounting Conservatism In Corporate Governance On Tax Avoidance

Heni Agustina, Mohamad Rijal Iskandar Zhulqurnain, Rizki Amalia Elfita, Hidayatul Khusnah, and Riyan Sisiyawan Putra
 Universitas Nahdlatul Ulama Surabaya, Surabaya, Indonesia

ID 155 College Students' Intentions to Invest in the Stock Market: The Role of Individual Factors During the Covid-19 Pandemic

Rizki Amalia Elfita, Heni Agustina, Mohamad Rijal Iskandar Zhulqurnain, Hidayatul Khusnah, and Riyan Sisiyawan Putra
 Universitas Nahdlatul Ulama Surabaya, Surabaya, Indonesia
 Triyonowati, Sekolah Tinggi Ilmu Ekonomi Indonesia, Surabaya, Indonesia

ID 242 Start Up Business ABC Sundanese Kitchen & Coffee Shop

Febrina Fon Bora
 Management Department, BINUS Business School Undergraduate Program,
 Bina Nusantara University,
 Jakarta, Indonesia 11480

Kenny Putra Aviancy
 Management Department, BINUS Business School Undergraduate Program,
 Bina Nusantara University,
 Jakarta, Indonesia 11480

Rosalia Siswiharyani
 Management Department, BINUS Business School Undergraduate Program,
 Bina Nusantara University,
 Jakarta, Indonesia 11480

Hendry Hartono

Management Department, BINUS Business School Undergraduate Program,
Bina Nusantara University,
Jakarta, Indonesia 11480

ID 255 Innovation Performance as Mediator: Does Entrepreneurial Orientation Predict Business Sustainability?

Desman Hidayat
BINUS Entrepreneurship Center, Management Department,
Bina Nusantara University
Jakarta, Indonesia 11480

Christian Haposan Pangaribuan
Faculty of Business
Sampoerna University
Jakarta, Indonesia 12780

Okta Prihatma Bayu Putra, Kevin Ganda Setya,
Michael Agustinus, and Michael Putra Sugiyanto
BINUS Business School Undergraduate Program, Management Department,
Bina Nusantara University
Jakarta, Indonesia 11480

ID 268 Business strategy of traditional Thai cotton dress for Generation Z On MAE FAH LUANG University

Sunida Tiwong
Business Excellence and Logistics Research Center: BE-Logist, School of Management,
Mae Fah Luang University, Chiang Rai, Thailand

Punyaporn Suwandecha and Parisa Yeeseen
Logistics and Supply Chain Management, School of Management,
Mae Fah Luang University, Chaing Rai, Thailand

ID 200 The Influence of Leadership Style, Work Motivation, Company Culture on Employee Competency

Ratih Mutmanikkang Johor
School of Interdisciplinary Management and Technology
Institut Teknologi Sepuluh Nopember
Surabaya, Indonesia

Reny Nadlifatin
Department of Information Systems
Institut Teknologi Sepuluh Nopember
Surabaya, Indonesia

Satria Fadil Persada
Entrepreneurship Department, BINUS Business School Undergraduate Program, Bina Nusantara University, Jakarta, Indonesia

ID 202 Managing Customers' Purchase Intention in Fashion Branded: Experience from Indonesia

Sidik Budiono
Department of Management Faculty of Economics and Business
Universitas Pelita Harapan, Tangerang-15811, Indonesia

John Tampil Purba
Department of Management Faculty of Economics and Business
Universitas Pelita Harapan, Tangerang-15811, Indonesia

Emrus Sihombing
Department of Communication, Faculty of Social & Politic Science
Universitas Pelita Harapan, Tangerang-15811, Indonesia

July 18 (MONDAY) - Session: 8:00 – 9:45 am

8:00 – 9:45 am, MONDAY

Undergraduate Paper Competition

Room 1

Session Chair: Prof. Don Reimer, IEOM Society International

ID 10 Machine Learning in Finance: An Application of Predictive Models to Determine the Payment Probability of a Client

Andrés Buitrón, Celeste Rodríguez, María Baldeon Calisto
Universidad San Francisco de Quito, USFQ, Colegio de Ciencias e Ingeniería, Departamento de Ingeniería Industrial and Instituto de Innovación en Productividad y Logística CATENA-USFQ, Diego de Robles s/n y Vía Interoceánica, Quito, Ecuador 170901
Sebastián Bonilla, Universitat Politècnica de Catalunya- Barcelona Tech, Facultat de Matemàtiques y Estadística, Carrer de Jordi Girona, 31, Barcelona España

ID 29 Design Integrated Information System for Raw Material Logistics in Jewelry Industry Companies with a Business Process Reengineering Approach Study case: PT SKKJewels

Alif Faridalthaf, University of Indonesia, Indonesia

ID 41 Occupational accidents due to personal factors and work factors in road work projects in the city of Lima Perú

Juan Francisco Salazar-Tenorio
Dirección General de Estudios de Posgrado Facultad de Ingeniería Geológica, Minera, Metalúrgica y Geográfica
Universidad Nacional Mayor de San Marcos
Lima, Perú

Juan Carlos Quiroz-Flores
Facultad de Ingeniería
Universidad Peruana de Ciencias Aplicadas
Lima, Perú

ID 42 “Relationships Between Sleep Quality, Fatigue, Stress and Anxiety of IE41S1 in Technological Institute of the Philippine Quezon City: A Multiple Regression Analysis”

Aban Martson, Art Jeffrey's Castillo, Russel Dela Merced, Donavel Lazarte, Alexander C. Malapitan, Paul Ezekiel Sonza
Department of Industrial Engineering, College of Engineering and Architecture Technological Institute of the Philippines - Quezon City Cubao, Quezon City Philippines

ID 54 Modelo determinístico bi-objetivo para el diseño de red de cadena de suministro de carne en cortes

MA. Javier Eduardo Arias Osorio. Silvia Natalia Rincón Barajas
Universidad Industrial de Santander
Bucaramanga, Colombia

ID 112 Application of Machine Learning algorithms for the prediction of payment by agreement in a debt collection company with the CRISP-DM methodology

Martín Calero Pérez, María Baldeon Calisto
Universidad San Francisco de Quito, USFQ, Colegio de Ciencias e Ingeniería, Departamento de Ingeniería Industrial and Instituto de Innovación en Productividad y Logística CATENA-USFQ, Diego de Robles s/n y Vía Interoceánica, Quito, Ecuador 170901

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Daniel Ríofrío
Universidad San Francisco de Quito USFQ, Colegio de Ciencias e Ingenierías, Carrera de Ingeniería en Ciencias de la Computación and The Applied Signal Processing and Machine Learning Research Group USFQ, Quito, Ecuador 170157

ID 146 Discrete Event Modeling for Operational Management of Restaurants

Marcelo Caballero
Facultad de Ingeniería y Arquitectura
Universidad de Lima
Lima, Perú

Gabriel Quesada
Facultad de Ingeniería y Arquitectura
Universidad de Lima
Lima, Perú

Marcos Fernando Ruiz-Ruiz
Associate Professor
Universidad de Lima
Lima, Perú

Wilfredo Yushimito
Associate Professor
Universidad Adolfo Ibáñez
Viña del Mar, Chile

ID 157 The Relationship Between Corporate Social Responsibility and the Internationalization of SMEs in the Peruvian apparel sector

Martín Fidel Collao-Díaz, Facultad de Ingeniería y Arquitectura, Universidad de Lima, Peru
Juan Carlos Quiroz-Flores, Facultad de Ingeniería Industrial, Universidad Nacional Mayor de San Marcos, Lima, Perú
Martha Saavedra-Cielo, Facultad de Negocios, Universidad Peruana de Ciencias Aplicadas, Lima, Perú

8:00 – 9:45 am, MONDAY

Undergraduate Research Competition

Room 2

Session Chair: Dr. Jorge Kurita, Research Faculty, Department of Industrial Engineering, Asuncion National University, Paraguay

ID 15 Low-cost Dietary Plan for COVID-19 Immunity Response Using Mixed-Integer Linear Programming

Allia Coleen S. De Leon, Camille T. Ninobla, Naomi Joyce S. Sibal, Krizia Mile Joy B. Yu, and Engr. Gabriel C. Bucu, CIE, AAE
Department of Industrial Engineering
University of Santo Tomas
Manila, Philippines

ID 38 Comparative Analysis and Evaluation between Traditional and Online Learning in Engineering Education, Focused on Introduction to Engineering

Mary S. Dedel, Daryl N. Magdurulan, Kristian Q. Malaluan and Bea M. Santos
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University of Santo Tomas, España Boulevard, Sampaloc, Manila, 1008, Philippines

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Asst. Prof. Charmina Lou C. Bautista, MES
Department of Industrial Engineering
University of Santo Tomas, España Boulevard, Sampaloc, Manila, 1008, Philippines

ID 45 A Correlation Study of Perceived Stress and Performance of Internship of Graduating Students

Wendell Gil L. Atencia, Rinzel Janelle M. Co, Lara Camille V. Gicale, Richard D. Lumokso, Jessica I. Regondola, Coleen Charlotte O. Simon and Lemuel Edwin L. Tan
Department of Industrial Engineering – College of Engineering and Architecture
Technological Institute of the Philippines
Cubao, Quezon City Philippines

ID 94 Perceived Stress, Anxiety, and Memory Performance as a Mental Health Indicator among Board Exam Takers in Metro Manila, Philippines

Cabangon, Janis, Corpuz, Mikki Rose, Francisco, Alfred Herson, Hernaez, Joyce, Lagamia, Clark Kent, Pontillas, Angelo N.
Department of Industrial Engineering, College of Engineering and Architecture Technological Institute of the Philippines – Quezon City
Cubao, Quezon City, Philippines

8:00 – 9:45 am, MONDAY

Lean Six Sigma Competition

Room 3

Session Chair: Prof. Vitor M. Caldana, IFSP – Instituto Federal de São Paulo – Campus Sorocaba, SP, Brazil

ID 69 Material Variance Reduction Through Six Sigma Approach

Marilou Agapay-Bigcas, Klint Allen A. Mariñas, Michael N. Young, and Yogi Tri Prasetyo
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Chung Yuan Christian University
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Reny Nadlifatin
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Institut Teknologi Sepuluh November, Kampus ITS Sukolilo,
Surabaya 60111, Indonesia

ID 80 Inventory Management System Enhancement of a Small-Scale Retail Store Using a Proposed Wireframe

Christian Jay Sesnorio, Klint Allen A. Mariñas, Michael N. Young, and Yogi Tri Prasetyo
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Mapúa University
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Surabaya 60111, Indonesia

ID 196 Application of Lean Six Sigma in Water Testing Laboratory to Increase Efficiency and Enhance Customer Satisfaction

Nomalungelo Magwaza
Department of Quality and Operations Management
University of Johannesburg
South Africa

Dr Anup Pradhan
Department of Quality and Operations Management
University of Johannesburg
South Africa

ID 222 Improvement of the Output of a Berries Producer Through Lean Six Sigma: A Case Study

Isidora Venegas and Mervyn Márquez
Industrial and Systems Engineering Institute
Universidad Austral de Chile
Valdivia, Chile

ID 397 Design a Treadmill HIIT Program with Six Sigma DMAIC Methodology for Diabetic Patients

Mason Chen, Stanford Online High School, San Jose, CA 95131, USA

8:00 – 9:45 am, MONDAY**Supply Chain Management (SCM)****Room 4**

Session Chair: I Gede Arei Banyuprimesta, Institut Teknologi Sepuluh Nopember, Surabaya, 60111, Indonesia

ID 4 Impact of Supply Chain Collaboration on the Tanzanian Agri-food Supply Chain. Intervening effect of Partner Commitment and Transaction Cost Management

Bajjet Sylvester Naresho, Imran Ali and Delwar Akbar
School of Business and Law, Central Queensland University
Australia.

ID 81 Will Blockchain Technology Meets Diffusion and Adoption Traceability Technology of Supply Chain Management Among Mangosteen Farmers?

Resista Vikaliana
PhD Student
Faculty of Technology Management and Business
Universiti Tun Hussein Onn Malaysia
Johor, Malaysia

Raja Zuraidah Raja Mohd Rasi
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Surabaya, Indonesia

Irwansyah
Researcher in Operation Management
Department of Management, STIE Syariah Gasantara,
Sukabumi, Indonesia

ID 249 Proposal for the location of facilities with a humanitarian approach

Rafael Granillo-Macias, Francisca Santana-Robles, Isidro J. González-Hernández, Quetzali Vicelis-Tellez, Atziri Wendy Sanchez-Oropeza
Universidad Autonoma del Estado de Hidalgo, Campus Sahagún, Tepeapulco, Hidalgo, México

ID 253 House of Risk (HOR) Analysis as a Supply Chain Risk Mitigation Method at CV. XYZ

Rienna Oktarina and Shonia Gunawan
Industrial Engineering Department, Faculty of Engineering
Bina Nusantara University, Jakarta, Indonesia 11480

ID 274 Bibliometric Analysis of Publications Related to Supply Chain Management in Restaurants Before and After the COVID-19 Pandemic in the Period 2010-2022

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Yvan Jesus Garcia Lopez
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Carrera de Ingeniería Industrial
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Lima, Peru

ID 327 Multi-Depot Vehicle Routing Problem with Heterogeneous Fleet for Distribution of Fuel Products in The Eastern Region of Indonesia

Totok Joni DPS, Suparno, I Ketut Gunarta
Industrial and Systems Engineering Department, Sepuluh November Institute of Technology

ID 331 Distribution Route Optimization using Fleet Size and Mix Vehicle Routing Problem: A Case Study at Bali-Nusa Tenggara LNG Distribution

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Niniet Indah Arvitrida, S.T, M.T, Ph. D

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 Institut Teknologi Sepuluh Nopember
 Surabaya, 60111, Indonesia

8:00 – 9:45 am, MONDAY**Sustainability****Room 5**

Session Chair: Moch Faisal Karim, Bina Nusantara University, Jakarta, Indonesia

ID 87 The Role Of Accounting Conservatism Influence Financial Distress And Litigation Risk On Sustainability Report Of Infrastructure Companies Listed On Indonesian Stock Exchange For The Period 2019 – 2021

SILVIA DEWIYANTI

Accounting Departement, School of Accounting.
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MELINDA AMELIA

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 Jakarta, Indonesia.

ID 165 The Effect of Research and Development, Product Market Competition on Firm Value (Empirical Study on Health Companies Listed on the Indonesia Stock Exchange for the 2018-2020 Period)

Silvia Dewiyanti, S.E., M.Si., Ak., CA., CSRA
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ID 197 The Influence of Pro-Environmental Behaviour on the Leadership for Sustainability Among Employees in Jakarta

Maria Grace Herlina*

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 Jakarta, Indonesia 11480

Rivaldo

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 Jakarta, Indonesia 11480

ID 223 Maintenance of Ecosystem Services Combined with Wind Generation as an Alternative to the Decommissioning of Fixed Platforms

Douglas Vieira Barboza
 Petropolis School of Engineering
 Fluminense Federal University
 Petrópolis, Rio de Janeiro, Brazil

Marcelo Jasmim Meiriño

Department of Civil Engineering
 Fluminense Federal University
 Niterói, Rio de Janeiro, Brazil

Sérgio Ricardo da Silveira Barros

Department of Geoenvironmental Analysis
 Fluminense Federal University
 Niterói, Rio de Janeiro, Brazil

ID 263 An Escaping Space Adopting the Adaptive Reuse and Third Place Concept. Case Study: Gedung Filateli, Pasar Baru, Jakarta

Ade Ariyani Sari Fajarwati, Octaviana Sylvia Caroline Rombe,

Ika Rachmayanti, Silvia Meliana
 Interior Design Department, School of Design
 Bina Nusantara University, Jakarta, Indonesia 11480

Lena Henry
School of Architecture and Planning
The University of Auckland, Aotearoa, New Zealand

ID 264 Sustainable Materials Application in Interior Elements as Stimulant of The Visually Impaired Person's Movement in PSBN Wyata Guna's Dining Area

Deanawati Insani Wasilah
Faculty Member, Interior Design Department
Bina Nusantara University
Bandung, Indonesia 40181

Friska Amalia
Faculty Member, Interior Design Department
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Janice Florencia Rachmat
Student, Interior Design Department
Bina Nusantara University
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ID 281 Determinant Factors for Managing Competitive Advantage on Organizational Sustainability

Ria Emilia Sari¹, Mohammad Hamsal², Asnan Furinto³, Rano Kartono⁴
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Bina Nusantara University Asuncion
Jakarta Selatan, DKI Jakarta, Indonesia

ID 316 China Diplomacy and Manufacturing Hydro Dam in Mekong River

Moch Faisal Karim
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Jakarta, Indonesia

Dewi Mustika Sari
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July 18 (MONDAY) - Session: 10:00 – 11:45 am

10:00 – 11:45 am, MONDAY

Undergraduate Paper Competition

Room 1

Session Chair: Prof. Don Reimer, IEOM Society International

ID 339 The Use of Social Media in Digital Marketing: Case Study at Ijo Coffee Shop Malang

Yosephine Aurellia Purnomo and Yanuarita Kusuma Permata Sari
Communication Science Department, Faculty of Digital Communication, Hotel and Tourism, Bina Nusantara University, Jakarta, Indonesia 11480

ID 340 Communication Process of Private Education Institution's Marketing Team in TikTok for Marketing Activity

Jonathan Alexander Citra and Yanuarita Kusuma Permata Sari
Communication Science Department, Faculty of Digital Communication, Hotel and Tourism, Bina Nusantara University, Jakarta, Indonesia 11480

ID 180 Production Model to increase OEE through the application of Lean Manufacturing and Total Production Maintenance tools in animal feed manufacturing SMEs

Angelo Paolo Espinoza-Monge, Yibely Alexandra Zenteno-Correa, Juan Carlos Quiroz-Flores and Martin Fidel Collao-Diaz
Universidad de Lima Facultad de Ingeniería y Arquitectura Lima, Perú

ID 280 Impact of the preschool program on the socio-connective variables developed by the beneficiary children: the case of rural morocco

Soumia Ettahri
PhD student
Faculty of Law, Economics and Social Sciences
Ibn Toufail University Kénitra, Morocco
Laboratory of Economics and Management of Organizations

Rachid Hasnaoui
Professor
Faculty of Law, Economics and Social Sciences
Ibn Toufail University, Kénitra
Laboratory of Economics and Management of Organizations

ID 290 Productivity increasing through the implementation of a service management model based on Lean Service, MRP, and SLP in cleaning and pet care services SMEs

Leonardo Calmet-Olivos, Alexandra Rosas-Herrera, Juan Carlos Quiroz-Flores and Martin Fidel Collao-Diaz

Facultad de Ingeniería y Arquitectura, Universidad de Lima, Lima Perú

ID 324 Increasing the level of service through the implementation of 5S and MRP tools in SMEs marketing pharmaceutical products: An empirical investigation in Peru

Angela Victoria Rodriguez-Quispe, Bressia Karen Salvatierra-Hoyos, Martin Fidel Collao-Diaz and Juan Carlos Quiroz-Flores
Faculty of Engineering and Architecture, University of Lima, Lima, Peru

ID 364 Analysis of the contribution of Social Innovation during the COVID-19 pandemic

Bladimir Antigua Alejandro
Undergraduate student
National University of San Marcos
Lima, Perú

Johana Surco Huancas
Undergraduate student
National University of Engineering
Lima, Perú

10:00 – 11:45 am, MONDAY

Graduate Student Paper Competition

Room 2

Session Chair: Dr. Jorge Kurita, Research Faculty, Department of Industrial Engineering, Asuncion National University, Paraguay

ID 71 Using Fuzzy Logic in Manual Test Script Authoring Effort Estimation in Software Test Planning

Ralph Andre C. Roque, Klint Allen A. Mariñas, Michael N. Young, and Yogi Tri Prasetyo
School of Industrial Engineering and Engineering Management
Mapúa University
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Jakarta 11480, Indonesia

ID 74 Application of Linear Programming Model for Volume allocation per Area for Service Partners

Eloisa M. Lazaro, Klint Allen A. Mariñas, Michael N. Young, and Yogi Tri Prasetyo
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Surabaya 60111, Indonesia

ID 269 The Potential of Rainwater Harvesting as an Optional Water Supply of Building XYZ

Rombert Brian B. Malate, Klint Allen A. Mariñas, Michael N. Young, and Yogi Tri Prasetyo
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Surabaya 60111, Indonesia

10:00 – 11:45 am, MONDAY

Competitions

Room 3

Session Chair: Prof. Vitor M. Caldana, IFSP – Instituto Federal de São Paulo – Campus Sorocaba, SP, Brazil

Masters Thesis Competition**ID 173 The Impact of Korean Celebrity Endorsements Toward Purchase Intention in Indonesia Marketplace that mediated by Brand Image and Brand Attitude**

Friska Tiara

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Binus Business School Master Program

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Willy Gunadi

Business Management, Management Department

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ID 193 Selection Of Power Plant Management In Order To De-Dieselisation Program Of Pltd Kangean Using Analytical Hierarchy Process (Ahp) And Goal Programming

Dwi Septyan Waluyo1, Udisubakti Ciptomulyono2

1Master's Student of Sekolah Interdisiplin Manajemen Teknologi

2 Lecturer of Sepuluh Nopember Institute of Technology

Sepuluh Nopember Institute of Technology

Surabaya, Indonesia

Supply Chain and Logisitcs Competition**ID 70 Implementing Digital Procurement in Construction Industry**

Clarinda Joanne Ellorin Igros, Klint Allen A. Mariñas, Michael N. Young, and Yogi Tri Prasetyo

School of Industrial Engineering and Engineering Management

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Institut Teknologi Sepuluh November, Kampus ITS Sukolilo,

Surabaya 60111, Indonesia

ID 72 Assessment and Development of Vendor Management System (VMS) of Company OPQ: A Case Study

Michael Andrew O. Yagin, Klint Allen A. Mariñas, Michael N. Young, and Yogi Tri Prasetyo

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ID 75 Modelling the Risk Susceptibility of Agro-Industry Circular Supply Chain During Major Disruptions: A Life Cycle Perspective

Klint Allen A. Mariñas, Michael N. Young, and Yogi Tri Prasetyo

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ID 387 Moderating Effect of Supply Chain Complexity on Supply Chain Alignment and Resilience: A Study of Blockchain Applications on Logistics Service Providers

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Darjat Sudrajat
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Andre Kreie
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ID 385 Why Service Climate Matters for Supply Chain Adaptability and Resilience of Logistics Service Provider: A Study of Blockchain Applications

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Andre Kreie
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10:00 – 11:45 am, MONDAY

Industry 4.0 - Special Track

Room 4

Session Chair: Rafael de Oliveira Vargas

ID 2 Blockchain Technology and Supply Chain: A Application Review

Alexandre do Valle Faria
Departamento de Engenharia
Universidade Federal Fluminense
Rio de Janeiro, Brasil

Carlos Eduardo R. B. Barateiro
Departamento de Engenharia
Universidade Estácio de Sá
Macaé, Brasil

José Rodrigues de Farias Filho
Departamento de Engenharia
Universidade Federal Fluminense
Rio de Janeiro, Brasil

ID 44 Winning Strategy in the 2019 Election In Sambas District, West Kalimantan, Indonesia In The Industrial Era 4.0

Bakran Suni, Universitas Tanjungpura, Pontianak Indonesia
Dedi Kusnadi, Universitas Tanjungpura, Pontianak Indonesia
Elyta, Universitas Tanjungpura, Pontianak Indonesia

ID 93 Connectivity as a Future of Customer Experience Management in Automotive Industry in Industrial Revolution 4.0

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Haryoto Kusnoputranto
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Samudra Sukardi
Post Graduate Program, Study Program of Management Science,
Faculty of Economic and Business,
University of Indonesia,
Indonesia

ID 169 Automation of a Methanol Storage Center for Application in Heat Treatment Furnaces

Gian Ricardo Corrêa Silva
Federal Institute of São Paulo (IFSP) – Sorocaba Campus
Sorocaba, Sao Paulo, Brazil

Vitor Mendes Caldana and Sergio Shimura

ID 283 Industry 4.0 Solutions Network for Wire Harness Test Equipment Industry

Angela Neves
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Radu Godina
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ID 349 Defense 4.0: A Bibliometric Review and Future Research Agenda

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Rodrigo Goyannes Gusmão Caiado
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Rio de Janeiro, RJ, Brazil

10:00 – 11:45 am, MONDAY**Business Management****Room 5**

Session Chair: Lucero Nicole Huerta-Tantalean

ID 158 Financial Distress on Financial Statement Fraud: The Moderate Role of Female CEO

Hidayatul Khusnah, Riyan Sisiawan Putra, Heni Agustina, Rizki Amalia Elfita, Mohamad Rijal Iskandar Zhulqurnain, Ifah Nurdiana
Universitas Nahdlatul Ulama Surabaya

ID 159 The Effect of Organizational Culture on Employee Performance Through Job Satisfaction as A Variable of Mediation in Primebiz Hotel Surabaya

Riyan Sisiawan Putra, Hidayatul Khusnah, Heni Agustina, Mohamad Rijal Iskandar Zhulqurnain, Abdul Aziz Bandar Basag, and Rizki Amalia Elfita
Universitas Nahdlatul Ulama Surabaya
Surabaya, Indonesia
Indrianawati Usman
Airlangga University
Surabaya, Indonesia

ID 166 Comparison between Generation X and Generation Y on the Preferred Retention Factors

Jefta Harlianto and Rudi
Management Department
BINUS Business School Undergraduate Program
BINUS University
Jakarta, 11530, Indonesia

ID 170 The Role of Workload and Organizational Culture on Employee Performance with Work Life Balance as an Intervening Variable during a WFH & WFO Implementation

Shelvy Kurniawan^{1*}, Dikcy Hardiyanti², Eka Widya Sari³
Management Department, BINUS Business School Undergraduate Program, Bina Nusantara University, Jl. K.H. Syahdan No. 9, Palmerah, Jakarta 11480, Indonesia

ID 171 Understanding Social Media Marketing to Emotional Experience: Self-congruence Theory Perspective

Rini Setiawati
Business Management Program, Management Department,
BINUS Business School Undergraduate Program, Bina Nusantara University,
Jakarta, Indonesia 11480

Friska Mastarida
Business Management Program, Management Department,
BINUS Business School Undergraduate Program, Bina Nusantara University,
Jakarta, Indonesia 11480

ID 172 Staff Turnover and Job Performance of Janitors and Cleaning Workers: A correlational study in MYPES

Franklin Cordova-Buiza
Research, Innovation and Social Responsibility Department
Universidad Privada del Norte
Lima, Peru

Lucero Del Rosario Rojas-Delgado
Business Faculty, Administration and Marketing
Universidad Privada del Norte
Lima, Peru

Lucero Nicole Huerta-Tantalean
Business Faculty, Administration and Tourism Services
Universidad Privada del Norte
Lima, Peru

ID 175 Behavior of the Peruvian Consumer Towards American Casual Dining Restaurant Chains

Lucero Nicole Huerta-Tantalean
Business Faculty, Administration and Tourism Services
Universidad Privada del Norte
Lima, Peru

Nataly Alexis Carrasco-Carrasco
Maria Eugenia Castillo-Silva
Business Faculty, Administration and Marketing
Universidad Privada del Norte
Lima, Peru

Franklin Cordova-Buiza
Research, Innovation and Social Responsibility Department
Universidad Privada del Norte
Lima, Peru

ID 401 Aircraft Material Purchasing Planning Optimization Using 3 Different Model (Economic Order Quantity, Least Unit Cost And Wagner Within Algorithm)

Mukhammad Yusuf Hakim, Komarudin and Elsa Safira

Industrial Engineering Department, Faculty of Engineering
Universitas Indonesia
Depok, Jawa Barat, Indonesia

July 18 (MONDAY) - Session: 12:00 – 1:45 pm

12:00 – 1:45 pm, MONDAY

Undergraduate Paper Competition

Room 1

Session Chair: Prof. Don Reimer, IEOM Society International

ID 389 Classification of Drug Data Planning Using K-Nearest Neighbors Algorithm

Lisa Dwi Novitasari
Informatics Department
Faculty of Science and Informatics
Universitas Jenderal Achmad Yani
Cimahi, Indonesia

Wina Witanti
Informatics Department
Faculty of Science and Informatics
Universitas Jenderal Achmad Yani
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Melina
Informatics Department
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Universitas Jenderal Achmad Yani
Cimahi, Indonesia

Asep Id Hadiana
Informatics Department
Faculty of Science and Informatics
Universitas Jenderal Achmad Yani
Cimahi, Indonesia

ID 383 Prediction of Asteroid Hazard Distance through Earth's Orbit Using K-Nearest Neighbor Method

Syahrul Firdaus
Informatics Department
Faculty of Science and Informatics
Universitas Jenderal Achmad Yani
Cimahi, Indonesia

Wina Witanti
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Universitas Jenderal Achmad Yani
Cimahi, Indonesia

ID 384 Comparison Between Davies-Bouldin Index And Silhouette Coefficient Evaluation Methods In Retail Store Sales Transaction Data Clusterization Using K-Medoids Algorithm

Kholiq Amrulloh
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Faculty of Science and Informatics
Universitas Jenderal Achmad Yani
Cimahi, Indonesia

Tacbir Hendro Pudjiantoro
Informatics Department
Faculty of Science and Informatics
Universitas Jenderal Achmad Yani

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Puspita Nurul Sabrina
Informatics Department
Faculty of Science and Informatics
Universitas Jenderal Achmad Yani
Cimahi, Indonesia

Asep Id Hadiana
Informatics Department
Faculty of Science and Informatics
Universitas Jenderal Achmad Yani
Cimahi, Indonesia

ID 435 Agility and Lean in the Supply Chain in Manufacturing SMEs: A Review of the Literature

Jorge Enrique Cabrera-Pacheco, Oscar Edinson Cueva-Quiroz
Students
Facultad de Ingeniería y Arquitectura
Universidad de Lima
Lima, Perú

Juan Carlos Quiroz-Flores, Bertha Haydeé Díaz-Garay
Research Professors
Facultad de Ingeniería y Arquitectura
Universidad de Lima
Lima, Perú

ID 422 Assignment of Patients to ICU Beds in Health Emergency Situations through Mathematical Programming

Betania Echagüe, Sannie Román
Estudiantes de Ingeniería en Sistemas de Producción
Facultad Politécnica – Universidad Nacional de Asunción
Asunción, Paraguay

María M. López, Jorge L. Recalde-Ramírez
Grupo de Investigación de Operaciones e Inteligencia Artificial (GIOIA)
Facultad Politécnica – Universidad Nacional de Asunción
Asunción, Paraguay

ID 418 Design and Testing for a Passive Stabilizer Fin for a Rocket.

Marcos Antonio Gonzalez
Undergraduate Student
Facultad Politecnica
Universidad Nacional de Asunción
Asunción, Paraguay

12:00 – 1:45 pm, MONDAY

Competitions

Room 2

Session Chair: Prof. Vitor M. Caldana, IFSP – Instituto Federal de São Paulo – Campus Sorocaba, SP, Brazil

DOCTORAL DISSERTATION COMPETITION

ID 113 Excellence DNA: A Practical Framework for Organizational Excellence

Alaa M. Ubaid
University of Sharjah
College of Engineering
Department of Industrial Engineering & Engineering Management

SIMULATION COMPETITION

ID 30 Machining process optimization using simulation in Flexsim

Gabriela Barbosa
Gabriela Padilha
Halana Bueno
Renan Pontes
Samuel Francisco das Virgens
Rodrigo Luiz Gigante
Henrique Ewbank
Facens University
Sorocaba, São Paulo, Brazil

COVID-19 ANALYTICS COMPETITION

ID 148 Studying the COVID-19 Impact on the Antarctic Glacier Melting Rate

Mason Chen
Stanford OHS, Academy Hall Floor 2 8853 415 Broadway
Redwood City, CA 94063, USA

ID 395 Design of a Localized Air Exhaust System For an Undergraduate Dental Practice Room Under Covid-19 Context, a Case Study

Elías Espínola
Universidad Nacional de Asunción
Asunción, Paraguay

Vivian González
Universidad Nacional de Asunción
Asunción, Paraguay

Liz Esquivel
Universidad Nacional de Asunción
Asunción, Paraguay

12:00 – 1:45 pm, MONDAY**Senior Design Competition****Room 3**

Session Chair:

12:00 – 1:45 pm, MONDAY**IoT****Room 4**

Session Chair: Rico Wijaya

ID 382 Gubo: iOS Based Travel Destination and Itinerary

Daniel Anadi Bagaskara
Mobile Application & Technology Program, Computer Science Department,
School of Computer Science, Bina Nusantara University,
Jakarta, Indonesia 11480

Davia Belinda
Mobile Application & Technology Program, Computer Science Department,
School of Computer Science, Bina Nusantara University,
Jakarta, Indonesia 11480

Brilly Andro Makalew
Mobile Application & Technology Program, Computer Science Department,
School of Computer Science, Bina Nusantara University,
Jakarta, Indonesia

ID 43 Bitcoin's Influence on China's Political Policy from a Realist Perspective

Muhammad Rifqi Fadhil and Roseno Aji Affandi
International Relations Department, Faculty of Humanities
Bina Nusantara University
Jakarta, Indonesia 11480

ID 89 Heritage Hotel Development: How Virtual Reality Could Support the Sustainable Business Performance

Agung Gita Subakti, Tiurida Lily Anita, and Ganang Adityo Prakoso
Department of Hotel Management, Faculty of Economics and Communication,
Bina Nusantara University, Jln KH Syahdan No 9, Kemanggis, Palmerah,
Jakarta 11480, Indonesia

Andhyka Tyaz Nugraha
Department of Industrial Engineering, Faculty of Technology Production and
Industrial, Institut Teknologi Sumatera, South Lampung, Indonesia 35365

ID 247 Raspberry Pi Zero Door Locking System with Face Recognition using CNN (Convolutional Neural Network) and Fingerprint Sensor

Jimmy Linggarjati
Department of Computer Engineering
Bina Nusantara University
Kebon Jeruk, Jakarta, Indonesia

ID 254 BeeDelibox: A Better Solution for Food and Beverage Delivery Box Based on Authorization

Maria Seraphina Astriani, Andreas Kurniawan and Nunung Nurul Qomariyah
Computer Science Department, Faculty of Computing and Media
Bina Nusantara University
Jakarta, Indonesia 11480

Arif Priyono Susilo Ahmad

Visual Communication Design, School of Design
Bina Nusantara University
Jakarta, Indonesia 11480

ID 257 Automatic Clothes Retriever (ACR)

Rico Wijaya, Ivan Alexander, Adira Dzaky, and Muhammad Faisal Fadhil
Computer Engineering Department
Bina Nusantara University
Jakarta Barat, DKI Jakarta, Indonesia

12:00 – 1:45 pm, MONDAY**Engineering Education****Room 5**

Session Chair: Derlis Ortiz Coronel

ID 25 Impact of Personal and Academic Factors on Outcome-Based Education of Third-Year Engineering Students in the University of Santo Tomas Delivered Through Full Online Modality

Alyanna Micayla Lascano University of Santo Tomas Philippines

ID 95 Happiness Level Among School Staff During COVID-19

Anwar Hamdan
Industrial Engineering and Engineering Management
College of Engineering, University of Sharjah
Sharjah, UAE

ID 156 Analysis of Surface Roughness by Turning Process Using Taguchi Method on Aluminium 6061

Rahul Ponnaluri
UG student, Department of Mechanical Engineering
Vignan's Institute of Information Technology, Visakhapatnam, India

Samireddy Ganesh
UG student, Department of Mechanical Engineering
Vignan's Institute of Information Technology, Visakhapatnam, India

Vanaparathi Shanmukeshwara Rao
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Gopiseti Sai Naga Mahesh Kumar
UG student, Department of Mechanical Engineering
Vignan's Institute of Information Technology, Visakhapatnam, India

Mycharla Leela Manohar
UG student, Department of Mechanical Engineering
Vignan's Institute of Information Technology, Visakhapatnam, India

Ch. Siva Ramakrishna
Associate Professor, Department of Mechanical Engineering
Vignan's Institute of Information Technology, Visakhapatnam, India

ID 217 Learning and Gamification

Hector F Gomez A, Universidad Tecnica de Ambato, Ecuador

ID 177 Analyzing A Factory's Relocation Through Cost Analysis Techniques.

Dr. Sobhi Mejjaoui
Assistant Professor of Industrial Engineering
Faculty of Engineering
Al Faisal University
Riyadh, Saudi Arabia

Badr Abutaleb
Student of Industrial Engineering
College of Engineering
Al Faisal University
Riyadh, Saudi Arabia

Ahmed Al Munajem
Student of Industrial Engineering
College of Engineering
Riyadh, Saudi Arabia

ID 413 Workshop evaluating the systems integration of a CubeSat as an effective tool for STEAM education, a case study of work in progress

Derlis Ortiz Coronel, Claudia Rolon
Adjunct Researchers

Facultad Politecnica
Asuncion, Paraguay

Cristhian Coronel
Adjunct Professor
Universidad Nihon Gakko
Fernando de la Mora, Paraguay

Hector Velazquez
Undergraduate Student
Facultad de Ingeniería
Universidad Nacional de Asuncion
Asuncion, Paraguay

Jorge Kurita
Research Professor
Universidad Nacional de Asuncion
Asuncion, Paraguay

July 18 (MONDAY) - Session: 2:00 – 3:45 pm

2:00 – 3:45 pm, MONDAY

Undergraduate Paper Competition

Room 1

Session Chair: Prof. Don Reimer, IEOM Society International

ID 430 Design of a Production Plan and Inventory of Silk Skeins from the Breeding of Bombyx mori Worms

Sara R. Peralta-Chávez, Sara A. Ruiz Díaz-Villagra, Jorge L. Recalde-Ramírez and María M. López
Grupo de Investigación de Operaciones y Logística
Departamento de Ingeniería Industrial
Facultad de Ingeniería
Universidad Nacional de Asunción
San Lorenzo, Paraguay

ID 391 Improvement of Productivity in the Circular Knitting Area, using Lean Methodologies in SMEs of the Textile Sector

Jean Piero Primo-Valdiviezo, Pedro Ramos-Luque
Students
Facultad de Ingeniería y Arquitectura, Universidad de Lima, Perú

Juan Carlos Quiroz-Flores
Research Professor
Facultad de Ingeniería y Arquitectura, Universidad de Lima, Perú

ID 433 The impact of COVID-19 on the supply chain disruption of Micro and small companies in the confection sector in Lima during 2020 and 2021

Diana Elva Quiñones-Gavilán, Martin Alonso Quispe-Pineda
Students
Facultad de Ingeniería y Arquitectura
Universidad de Lima
Lima, Peru

Juan Carlos Quiroz-Flores, Bertha Haydeé Díaz-Garay
Research Professors
Universidad de Lima
Lima, Peru

ID 429 Thermal Vacuum Chamber Structure Design for a 1U CubeSats

Esteban Acosta Mellid
Undergraduated Student
Facultad de Ingeniería
Universidad Nacional de Asuncion
Asunción, Paraguay

Jorge Kurita
Research Professor
Facultad de Ingeniería
Universidad Nacional de Asunción
Asunción, Paraguay

ID 424 Two-Speed Parachute Design Applied to Medium Payload, a Case Study

Kevin Lezcano, Marcos Denis, Liz Monges, Elio Lezcano, Jesus Bobadilla.
Undergraduate Student

Facultad Politecnica
Universidad Nacional de Asunción

Jorge Kurita
Research Professor
Facultad Politecnica
Universidad Nacional de Asunción

ID 434 Use of Waste to Obtain Energy in Latin America: A Systematic Review

María Julia Alva-Villavicencio and Natalia Figueroa-Bardalez
Students
Facultad de Ingeniería y Arquitectura
Universidad de Lima
Lima, Perú

Juan Carlos Quiroz-Flores and Marcos Fernando Ruiz-Ruiz
Research Professors
Facultad de Ingeniería y Arquitectura
Universidad de Lima
Lima, Perú

2:00 – 3:45 pm, MONDAY

Poster Competition

Room 2

Session Chair: Dr. Hayder Zghair

ID 431 A Low-Cost Geomagnetic Field Station

Christian Paniagua
Estudiante de Ingeniería Electrónica – Facultad de Ingeniería
Universidad Nacional de Asunción
San Lorenzo, Paraguay

Gustavo Menesse
Físico Investigador del laboratorio de Física – Facultad de Ciencias Exactas
Universidad Nacional de Asunción
San Lorenzo, Paraguay

Jorge Molina
Físico Investigador del laboratorio de Mecánica y Energía – Facultad de Ingeniería
Universidad Nacional de Asunción
San Lorenzo, Paraguay

Diego Stalder
Físico Investigador del laboratorio de Mecánica y Energía – Facultad de Ingeniería
Universidad Nacional de Asunción
San Lorenzo, Paraguay

2:00 – 3:45 pm, MONDAY

High School STEM Competition

Room 3

Session Chair: Prof. Dr. Henrique Ewbank, Department of Production Engineering, FACENS University, Sorocaba, Sao Paulo, Brazil

ID 51 Innovative Learning Environment for Problem-solving Collaboration

Department of Industrial Systems and Technology
College of Science, Engineering and Technology
James Ejiwale, Jackson State University
1400 J. R. Lynch Street, Jackson, MS 39217

ID 52 Correlation Between Pre-existing Health Conditions with Dental Operations and Oral Health

Calvin Boothe
Kennesaw Mountain High School
Advanced Scientific Research IV
Angela Wood

ID 53 Music Educators' Attitudes Towards Gender Bias in Instrument Selection

John Chow
Kennesaw Mountain High School
Advanced Scientific Research and Internship IV

ID 67 Effects and Wear of Dental Materials

Christy Dao
Kennesaw Mountain High School
Advanced Scientific Research IV
Angela Wood

ID 79 The Correlation Between Periodontitis and the Frequency of Semi-Annual Dental Cleanings

Hannah Huff
Kennesaw Mountain High School
Advanced Scientific Research IV
Angela Wood, Georgia, United States

ID 147 Time Series ARIMA Study of Antarctic Glacier Melting

Mason Chen
Stanford Online High School
San Jose, CA 95131, USA

ID 213 Pedals Clean Energy and Health: Smartphone and Tablets Charger

Cesar Hipólito Pinto, Instituto Tecnológico da Aeronautica, Brazil

ID 275 Portfolio Management of Social Projects: A Case Study in IFSP - 2021

Anne Karolyn de Almeida Lima and Vitor Mendes Caldana
Federal Institute of Sao Paulo (IFSP) – Sorocaba Campus
Sorocaba, Sao Paulo, Brazil

2:00 – 3:45 pm, MONDAY**AI****Room 4**

Session Chair: Taoufiq Yahyaoui

ID 386 Structural Transformation and Productivity Growth in Morocco

Abdelghani Bensaïd
Ph.D. student, Faculty of Law, Economic and Social Sciences Agdal
Mohamed V Rabat University
Rabat, Morocco

Taoufiq Yahyaoui
Professor, Faculty of Law, Economic and Social Sciences Agdal
Mohamed V Rabat University
Rabat, Morocco

Outmane Soussi Noufail
Professor, Faculty of Law, Economic and Social Sciences Salé
Mohamed V Rabat University
Rabat, Morocco

ID 426 Feature Selection within Time Series Clustering: A Case Study of Dengue in Paraguay

M. Giohanna Martinez, Diego H. Stalder and Christian E. Schaerer
Facultad de Ingeniería, Universidad Nacional de Asunción
Asunción, Paraguay

Juan V. Bogado
Universidad Nacional de Caaguazu
Caaguazu, Paraguay

ID 421 Hyperparameter Optimization of Deep Learning Model for Short-Term Electricity Demand Forecasting

Félix Morales, Carlos Sauer, Hans Mersch, Diego H. Stalder
Facultad de Ingeniería
Universidad Nacional de Asunción
Asunción, Paraguay

Miguel García Torres
Data Science and Big Data Lab
Universidad de Olavide
España, Sevilla

ID 427 Natural Language Processing to Improve Information Retrieval for Meeting Minutes Written in Brazilian Portuguese

Ovídio José Francisco
Professor at Facens
Sorocaba, Sao Paulo, Brazil

ID 390 Implementation of Open-Source Technology to Accelerate the Development of Industrial Automation in Paraguay

Nicolas Ferreira
Mechanical Engineering Department
Universidad del Cono Sur de las Américas
Asuncion, Paraguay

Matias Sanchez

Electronics Engineering Department
Universidad Politécnica y Artística del Paraguay
Asunción, PARAGUAY

ID 432 Design of Metallic Pedestrian Bridge for Accessing to the National University of Asunción Campus, a Case Study

Lino Sosa
Undergraduate Student
Facultad de Ingeniería
Universidad Nacional de Asunción
Asunción, Paraguay

Gustavo Martínez, Fausto Alfonso and Orlando Benítez
Faculty Members
Facultad de ingeniería
Universidad Nacional de Asunción
Asunción, Paraguay

ID 420 Design of Ventilation and Separation System for Wood Dust Sawdust in an Industry Using Computational Fluid Dynamics

Eduvigis Oporto
Undergraduate Student
Facultad de Ingeniería
Universidad Nacional de Asunción
Asunción, Paraguay

Gustavo Martínez
Director of the Department of Mechanical and Electromechanical Engineering
Facultad de Ingeniería
Universidad Nacional de Asunción
Asunción, Paraguay

Jorge Kurita
Research Professor
Facultad de Ingeniería
Universidad Nacional de Asunción
Asunción, Paraguay

2:00 – 3:45 pm, MONDAY**OM****Room 5**

Session Chair: Joe Wu, Universidad de Lima, Peru

ID 393 Proposal of a Coverage Model to Support the Surveillance and Security Management in the Asunción Botanical Garden and Zoo

Fabrizio N. Recalde-Rivas, Jorge L. Recalde-Ramírez and María M. López
Grupo de Investigación de Operaciones y Logística
Departamento de Ingeniería Industrial
Facultad de Ingeniería
Universidad Nacional de Asunción
San Lorenzo, Paraguay

ID 415 Third-Party COVID-19 Vaccine Distribution Management

María Pilar Heuduck, Universidad Nacional de Asunción, Paraguay

ID 437 Evaluation of the Implementation of an Integrated Warehouse Management System for Products in Continuous Flow in a Distribution Center of a Retail Chain.

Marcelo Emilio Ayala Person, Lucas Guillermo Godoy Cabrera, María M. López and Jorge L. Recalde-Ramírez
Grupo de Investigación de Operaciones y Logística
Departamento de Ingeniería Industrial
Facultad de Ingeniería
Universidad Nacional de Asunción
San Lorenzo, Paraguay

ID 440 Small Radio Telescope for Observing the Neutral Hydrogen Line of the Milky Way

Alejandro Reckziegel
Universidad Nacional de Asunción, Facultad de Ingeniería (FIUNA)
San Lorenzo - Paraguay

Diego Stalder
Universidad Nacional de Asunción, Facultad de Ingeniería (FIUNA)
San Lorenzo - Paraguay

Jorge Molina
Universidad Nacional de Asunción, Facultad de Ingeniería (FIUNA)

San Lorenzo - Paraguay

ID 375 Application of the ABC Methodology to Reduce Breaches of Sales Orders in a Company Warehouse In Barranca City
Joe Wu, Universidad de Lima, Peru

ID 377 Check the Sensitivity of Cost Parameters in Construction Projects Using Deterministic Model
Mustafa Hassan Talib and Sedqi Esmaeel Rezouqi, 1Civil Engineering Department, University of Baghdad, Baghdad, Iraq

July 19 (TUESDAY)

July 19 (TUESDAY) - Session: 6:00 – 7:45 am

6:00 – 7:45 am, TUESDAY

Design and Analysis

Room 1

Session Chair: Mila Andria Savitri

ID 88 Sustainability of Design Architectural Tourism Area (Case Study Pangandaran Tourist Market)

Ferric Limano
Animation Program, Visual Communication Design Department, School of Design,
Bina Nusantara University, Jakarta,
11480, Indonesia

ID 160 Analysis of Surface Roughness by Turning Process Using RSM Methodology on Aluminium 6061

Rahul Ponnaluri
UG student, Department of Mechanical Engineering
Vignan's Institute of Information Technology, Visakhapatnam, India

Samireddy Ganesh
UG student, Department of Mechanical Engineering
Vignan's Institute of Information Technology, Visakhapatnam, India

Vanaparathi Shanmukeshwara Rao
UG student, Department of Mechanical Engineering
Vignan's Institute of Information Technology, Visakhapatnam, India

Gopiseti Sai Naga Mahesh Kumar
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Mycharla Leela Manohar
UG student, Department of Mechanical Engineering
Vignan's Institute of Information Technology, Visakhapatnam, India

Ch. Siva Ramakrishna
Associate Professor, Department of Mechanical Engineering
Vignan's Institute of Information Technology, Visakhapatnam, India

ID 162 Analysis of Surface Roughness by Turning Process Using Taguchi Method on Aluminium 6061

Rahul Ponnaluri
UG student, Department of Mechanical Engineering
Vignan's Institute of Information Technology, Visakhapatnam, India

Samireddy Ganesh
UG student, Department of Mechanical Engineering
Vignan's Institute of Information Technology, Visakhapatnam, India

Vanaparathi Shanmukeshwara Rao
UG student, Department of Mechanical Engineering
Vignan's Institute of Information Technology, Visakhapatnam, India

Gopiseti Sai Naga Mahesh Kumar
UG student, Department of Mechanical Engineering
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Ch. Siva Ramakrishna
Associate Professor, Department of Mechanical Engineering
Vignan's Institute of Information Technology, Visakhapatnam, India

ID 248 Eco-Behavior Methods in Interior Design for Rehabilitation Center for Children's Survivors of Violence

Ii Ismatillah, Amarena Nediari, and Anak Agung Ayu Wulandari
Interior Design Department School of Design,
Bina Nusantara University
Jakarta, Indonesia, 11480

ID 259 The Effect of Thermal and Natural Lighting on The Working Environment in Heritage Building Case Study: The Batik Artisans in The Canting Workstation of Go Tik Swan

Rachmi Kumala Widyasari
Interior Design Study Program, School of Design
Bina Nusantara University
Bandung, West Java, Indonesia

Agus Sachari and Andar Bagus Sriwarno
Product Design Study Program, Faculty of Art, and Design
Bandung Institute of Technology
Bandung, West Java, Indonesia

Gregorius Prasetyo Adhitama
Interior Design Study Program, Faculty of Art, and Design
Bandung Institute of Technology
Bandung, West Java, Indonesia

ID 262 Circular Design Approach as Strategy for Sustainable Architecture in Cultural Heritage Building in Lasem

Mila Andria Savitri
Head of Department, Department of Interior Design
Bina Nusantara University
Bandung, Indonesia

Rachmi Kumala Widyasari
Subject Content Coordinator, Department of Interior Design
Bina Nusantara University
Bandung, Indonesia

ID 294 Waterfall Model for Design and Development Coffee Shop Website at Malang

Andreas Yan Ardiansyah, Dion Lamilga Sudiono Putra, Jsven Septian Kristanto, Nadya Permata Budhianto, Fairuz Iqbal Maulana
Computer Science Department, School of Computer Science,
Bina Nusantara University
Jakarta 11480, Indonesia

6:00 – 7:45 am, TUESDAY**Construction Management****Room 2**

Session Chair: Irpan Hidayat

ID 7 Optimal Truck Dispatch Scheduling of Ready Mixed Concrete: A Case Study from Bolivia

Boris Christian Herbas-Torrigo
Jorge Andres Enriquez-Reyes
Exact Sciences and Engineering Research Center (CICEI)
Bolivian Catholic University
Cochabamba, Bolivia

ID 150 Construction Management of Civil Engineering, Industrial Engineering, and Business Engineering through Lens of Industry 4.0 within Scientometric and Bibliometric

Meilani
Civil Engineering Department, Faculty of Engineering
Bina Nusantara University
Jakarta, 11480, Indonesia

Khristian Edi Nugroho Soebandrija
Industrial Engineering Department, Faculty of Engineering
Bina Nusantara University
Jakarta, 11480, Indonesia

ID 152 Construction Management of Electronic Toll Gate Perspectives of Civil Engineering, Industrial Engineering and Business Engineering on Sustainable Development Goals

Meilani
Civil Engineering Department, Faculty of Engineering
Bina Nusantara University
Jakarta, 11480, Indonesia

Hwi Chie Ho and Khristian Edi Nugroho Soebandrija
Industrial Engineering Department, Faculty of Engineering
Bina Nusantara University
Jakarta, 11480, Indonesia

ID 178 Cost Overrun Factors During the Lifecycle Phases of Buildings Construction Projects in the United Arab Emirates

Omar Afana
PhD Candidate
University of Sharjah
Sharjah, UAE

Radhi Alzubaidi
Professor of Civil Engineering
University of Sharjah
Sharjah, UAE

Doraid Dalalah
Associate Professor
Department of Industrial Engineering and Engineering Management
University of Sharjah
Sharjah, UAE

ID 181 The Preservation Policy of City Landscape in Japan's Kyoto for Sustainable Tourism Development

Sri Dewi Adriani
Lecturer of Department of Japanese Literature, Faculty of Humanities
Binus University, Jakarta, Indonesia

ID 182 The Productivity of Heavy Equipment in Embankment Work Method on Toll Road Development Project

M F Dewanto, A B Putra*, and A.J. Pierre
Civil Engineering Department, Faculty of Engineering, Bina Nusantara University
Jakarta, Indonesia 11480

ID 250 Effect of Sample Rate on Frequency Values in Sinusoidal Signals

Irpan Hidayat
Civil Engineering Department, Faculty of Engineering
Bina Nusantara University
Jakarta, Indonesia

Roesdiman Soegiarso
Civil Engineering Department, Faculty of Engineering
Tarumanagara University
Jakarta, Indonesia

Made Suangga, Riza Suwondo
Civil Engineering Department, Faculty of Engineering
Bina Nusantara University
Jakarta, Indonesia

ID 314 A Literature Review on Digital Transformation in the Construction Industry

Johan Arifin, Mohammad Hamsal, Asnan Furinto, Rano Kartono
Student of Doctor Research in Management, BINUS Business School,
Bina Nusantara University, Jakarta, Indonesia, 11530

6:00 – 7:45 am, TUESDAY**e-Business/e-Service/e-Commerce****Room 3**

Session Chair: Fairuz Iqbal Maulana

ID 163 How Does Customer Satisfaction Matter in Telecommunication Industry?

Anisa Larasati, Leo Andri Yulius Caesar, Anis Fawjiyyah Anwar, and Arien Junian Anggara
Business Management, BINUS Business School,
BINUS University, Indonesia

ID 203 Influence of Instagram Content on Purchase Decisions With Brand Image as Variable Intervening

Muhammad Faiz, Telkom University, Indonesia

ID 252 ERP System Integration Design Based on E-Supplier Self Service 4.0 for A Sustainable Service and Logistic System

Fauzi Khair, Hubertus Davy Yulianto
Industrial Engineering Department, BINUS Online Learning
Bina Nusantara University
Jakarta, Indonesia

ID 278 The Effect of Technology Acceptance Model, Manager Competence, and Enterprise Risk Management on Competitive Advantage: Mediating Role by E-Commerce Adoption and Moderating Role by Financial Literacy

Siu Min¹, Mohammad Hamsal², Asnan Furinto³, Rano Kartono⁴
Doctor of Research in Management
BINUS Business School
Bina Nusantara University
DKI Jakarta, Indonesia,

ID 293 Mapping Research Trend Of Gamification From 2016-2021

Yongkie Angkawijaya, Asri Radhitanti, Wahyu Kurnia Dewi, Donna Carollina
Visual Communication Design Department, School of Design,
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Jakarta, Indonesia 11480

Fairuz Iqbal Maulana
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Bina Nusantara University,
Jakarta, Indonesia 11480

ID 312 Digital Transformation Research Trends: An Overview Research from 2017 - 2021

Fairuz Iqbal Maulana, Gusti Pangestu
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Bina Nusantara University
Jakarta 11480, Indonesia

Donna Carollina
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Febby Chandra Pratama
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Jakarta 11480, Indonesia

Andi Pramono
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Bina Nusantara University
Jakarta, Indonesia 11480

ID 313 Bibliometric Analysis on E-business Research in Indonesia Over the Last Ten Years

Fairuz Iqbal Maulana
Computer Science Department, School of Computer Science,
Bina Nusantara University
Jakarta 11480, Indonesia

Raden Aditya Kristamtomo Putra, and Riefky Prabowo
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Andi Pramono
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Bina Nusantara University
Jakarta, Indonesia 11480

6:00 – 7:45 am, TUESDAY**Entrepreneurship and Innovation****Room 4**

Session Chair: Etsa Astridya Setiyati

ID 188 Entrepreneurship Education at University: Business as a Coursework or Continued after Graduation

Puji Prabowo¹, Santika Syaravina²
^{1,2}Entrepreneurship Department, BINUS Business School Undergraduate Program
Bina Nusantara University, Jakarta, Indonesia 11480

ID 189 Entrepreneurship Education Needs of Agricultural Students

Puji Prabowo
Entrepreneurship Department, BINUS Business School Undergraduate Program
Bina Nusantara University, Jakarta, Indonesia 11480

Farida Iriani
Agrotechnology Department, Faculty of Agriculture
Universitas Insan Cendekia Mandiri, Banten Street No.11, Bandung, Indonesia

ID 190 Self-Coaching: Evaluation of Public Speaking Ability

Puji Prabowo
Entrepreneurship Department, BINUS Business School Undergraduate Program
Bina Nusantara University, Jakarta, Indonesia 11480

ID 191 Student Motivation in Business Incubator Doing Business

Puji Prabowo, Santika Syaravina
 Entrepreneurship Department, BINUS Business School Undergraduate Program
 Bina Nusantara University, Jakarta, Indonesia 11480

ID 192 The Type of Collaboration that Business Students Want in a Business Incubator Program

Puji Prabowo
 Entrepreneurship Department, BINUS Business School Undergraduate Program
 Bina Nusantara University, Jakarta, Indonesia 11480

ID 210 Identifying brand awareness categories in Peruvian independent fashion workshops

Josehp Hernández López
 Business Department, Management and Marketing Undergraduate Program
 Universidad Privada del Norte
 Trujillo, Perú

Alexa Gamarra Olórtegui
 Business Department, Management and Marketing Undergraduate Program
 Universidad Privada del Norte
 Trujillo, Perú

Francisco Jesús Paredes León
 Business Department, Professor and Researcher
 Universidad Privada del Norte
 Trujillo, Perú

ID 218 Brazilian Frugal Ventilators to Tackle COVID-19

Sergio Shimura
 Federal Institute of Sao Paulo (IFSP) – Sorocaba Campus
 Sorocaba, Sao Paulo, Brazil

Maria Lima-Toivanen
 Founder Innodeva, Innovation Project Manager Sustainable Innovation Technology Services SITES
 Belo Horizonte, Brazil

Venkata Gandikota
 Co-founder, InnoFrugal
 Espoo, Finland

Pedro Figueroa
 DiploCientifica
 Santiago, Chile

Nii Botchway
 Nelson Mandela University
 Gqeberha, South Africa

ID 266 The Exploration of Co-Existence Between Environmental Sustainability and Business Profitability Amongst Young Restaurant Ecopreneurs

Etsa Astridya Setiyati
 Entrepreneurship Department, BINUS Business School Undergraduate Program
 Bina Nusantara University
 Malang, Indonesia 65154

Sunday Noya
 Industrial Engineering Department
 Universitas Ma Chung
 Malang, Indonesia

6:00 – 7:45 am, TUESDAY**Human Factors and Healthcare****Room 5**

Session Chair: Midori Lara Arana, Universidad of Lima

ID 298 Effect of E-Service Quality, Customer Perceived Value, and Price on Customer Satisfaction in Healthcare Application

Agung Sudjatomoko, Leo Andri Yulius Caesar, Samuel Yohan Gumuljo and Richard Jeremy
 BBS Undergraduate Program
 Binus University
 Jakarta, Indonesia

ID 92 Recommendation of Seating Configuration at Pediatric Clinic in Jakarta During COVID-19 Pandemic

Siti Chadijah, Fauzia Latif, Reno Fanthi
 Interior Design Department, School of Design
 Bina Nusantara University, Jakarta
 Indonesia

ID 194 Analysis of Determining Offshore Worker Schedules in PHE ONWJ Work Area During COVID-19 Pandemic

Tegar Jaya Saka Buana¹, Adithya Sudiarno²

¹Master's Student of Sekolah Interdisiplin Manajemen Teknologi

²Lecturer of Sepuluh Nopember Institute of Technology

Sepuluh Nopember Institute of Technology

Surabaya, Indonesia

ID 265 Digital Placemaking Approach Through Hybrid Space Towards Sustainable Architecture and Urban Design in Public and Heritage Environment

Mila Andria Savitri

Head of Department, Department of Interior Design

Bina Nusantara University

Bandung, Indonesia

ID 225 Role Of Government Internet Financial Reporting

Heni Agustina

Faculty of Business Economics and Digital Technology

Universitas Nahdlatul Ulama Surabaya

Surabaya, Indonesia

Rizki Amalia Elfita

Faculty of Business Economics and Digital Technology

Universitas Nahdlatul Ulama Surabaya

Surabaya, Indonesia

Ninnasi Muttaqin

Faculty of Business Economics and Digital Technology

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Surabaya, Indonesia

Rizqi Putri Nourma Budiarti

Faculty of Business Economics and Digital Technology

Universitas Nahdlatul Ulama Surabaya

Surabaya, Indonesia

Donny Arif

Faculty of Economics and Business

Universitas Maarif Hasyim Latif

Sidoarjo, Indonesia

ID 288 Medium-Term Capacity Planning in Servuccion Systems: Case Study specialized Outpatient Medical Services

Hernando Garzón Saenz

CIPTEC Research Group - Faculty of Engineering - Industrial Engineering Program - Technology in Industrial Production

Fundacion Universitaria Tecnológico Comfenalco

Cartagena de Indias, Colombia

José Manuel Solana Garzón

CIPTEC Research Group- Faculty of Engineering - Industrial Engineering Program - Technology in Industrial Production

Fundacion Universitaria Tecnológico Comfenalco

Cartagena de Indias - Colombia

Andrés Redchuk

ETSII. Department of Computer Sciences. University Rey Juan Carlos. Madrid. Spain.

Director of Operational Excellence and Process Improvement Institute. School of Engineer.

University of Lomas de Zamora. Argentina.

ID 363 Redesign of a Workstation in The Cutting Area of a Company in The Textile Industry to Increase Productivity

Midori Lara Arana

Universidad of Lima

Allison Vivar Guillen

Universidad of Lima

ID 404 Evaluation of Human Factors in Redesigning Library Bookshelves for The Blind Using The Ergonomic Function Deployment (EFD) Method

Elsa Safira

Student at Industrial Engineering

Departement at Sultan Syarif Kasim State Islamic University

Indonesia

Nofirza, Anwardi, Harpito, Muhammad Rizki, Nazaruddin

Assistant Professor Industrial Engineering

Departement at Sultan Syarif Kasim State Islamic University

Indonesia

July 19 (TUESDAY) - Session: 8:00 – 9:45 am

8:00 – 9:45 am, TUESDAY**Plenary I****Room 1**

Session Chair: Prof. Anicia Peters

8:00 – 8:30 am (Tuesday, July 19)

Prof. Anicia Peters
 Chairperson: Namibia 4IR Presidential Task Force
 Pro-VC: Research, Innovation & Development
 University of Namibia
 Windhoek, Khomas, Namibia

8:30 – 9:00 am (Tuesday, July 19)

Dr. Boris Herbas-Torrco
 Full Time Professor
 Universidad Catolica Boliviana San Pablo Regional Cochabamba
 Cercado, Cochabamba, Bolivia

9:00 – 9:30 am (Tuesday, July 19)

Joseph Akyeampong, PhD
 Human Factors Engineering Consultant
 Amgen
 Fort Lauderdale, Florida, United States

8:00 – 9:45 am, TUESDAY**Global Engineering Education I****Room 2**

Session Chair: Prof. Vitor Mendes Caldana

2:00 – 3:30 pm (Tuesday, July 19)

Prof. Vitor Mendes Caldana
 Federal Institute of Sao Paulo (IFSP) – Sorocaba Campus
 Sorocaba, Sao Paulo, Brazil

2:30 – 3:00 pm (Tuesday, July 19)

Junior A. Bennett and Arlene Mckenzie-Cawley
 School of Engineering
 University of Technology
 Jamaica

3:00 am – 3:30 pm (Tuesday, July 19)

Dr. Esther Matemba
 Engineering Education Advisor- Lassonde Educational Innovation Studio (LEIS)
 Lassonde School of Engineering, York University, Canada
 Governing Board Member for Research in Engineering Education Network (REEN) – Africa representative
 Sessional Academic, Curtin University, Western Australia

8:00 – 9:45 am, TUESDAY**Data Analytics****Room 3**

Session Chair: Ismu Kusumanto

ID 90 Upstream Oil and Gas Projects Sustainability Framework Through the Lenses of Big Data Analytics, and Project Management

Wihaga Satya Khresna¹, Harjanto Prabowo², Mohammad Hamsal³, Boto Simatupang⁴
 Management Department, BINUS Business School Doctor of Research in Management, Bina Nusantara University, Jakarta, Indonesia 11480

ID 114 Market Basket Analysis in Polymers Industry: Power BI Case

Ammar Y. ALQAHTANI
 King Abdulaziz University, Department of Industrial Engineering, Faculty of Engineering,
 P.O. Box 80204, Jeddah, 21589 SAUDI ARABIA

ID 271 Prediction of Dengue cases in Five Municipalities of Santander, Colombia using machine learning models

Ruth Aralí Martínez Vega
 PhD in Public Health Sciences with area concentration in Infectious Diseases
 Professor School of Medicine University of Santander UDES

Henry Lamos Diaz
PhD Physics – Mathematics
Professor of Industrial Engineering. Industrial University of Santander UIS

Sonia Isabel Polo Triana
Master's Student in Industrial Engineering UIS

ID 291 Cinemagraph Research Trends From 2011-2021

Hindam Basith Rafiqi, Lutfi Tri Atmaja, Victor Adiluhung Abednego, Donna Carollina
Visual Communication Design Department, School of Design,
Bina Nusantara University,
Jakarta, Indonesia 11480

Fairuz Iqbal Maulana
Computer Science Department, School of Computer Science,
Bina Nusantara University,
Jakarta, Indonesia 11480

ID 295 Mapping Research Trend Interactive Design In Indonesia: An Overview From 2016-2021

Uzda Nabila Shabiriani, Gadis Febriani, Cahyaning Umul Chasanah Nursyifani, Safitri Aprillia Putri, Donna Carollina
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Jakarta, Indonesia 11480

Fairuz Iqbal Maulana
Computer Science Department, School of Computer Science,
Bina Nusantara University,
Jakarta, Indonesia 11480

ID 297 Bibliometric Analysis of Photography Architecture Research: Ten Years Review

Lutfi Tri Atmaji, Hindam Basith Rafiqi, Donna Carollina
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Bina Nusantara University,
Jakarta, Indonesia 11480

Fairuz Iqbal Maulana
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Jakarta, Indonesia 11480

Priska Arindiya Purnama
Entrepreneurship Department, BINUS Business School Undergraduate Program,
Bina Nusantara University,
Jakarta, Indonesia 11480

ID 345 Application of Data Mining Using the K-Means Clustering Method in Analysis of Consumer Shopping Patterns in Increasing Sales (Case Study: Abie JM Store, Jaya Mukti Morning Market, Dumai City)

Afrido
Student At Industrial Engineering
Departement At Sultan Syarif Kasim State Islamic University
Indonesia

Muhammad Rizki
Assistant Professor Industrial Engineering
Departement At Sultan Syarif Kasim State Islamic University
Indonesia

Ismu Kusumanto
Assistant Professor Industrial Engineering
Departement At Sultan Syarif Kasim State Islamic University
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Nazaruddin
Assistant Professor Industrial Engineering
Departement At Sultan Syarif Kasim State Islamic University
Indonesia

Misra Hartati
Assistant Professor Industrial Engineering
Departement At Sultan Syarif Kasim State Islamic University
Indonesia

ID 215 Approaches to algorithmic trading techniques: First sell and moving average crossover**ID 216 Is It Possible To Find A Behavior Pattern For Cryptocurrencies? A First Point Of View**

Dr.C. Luis Llerena Ocaña. Docente de la carrera de Software de la Universidad Regional Autónoma de los Andes (UNIANDES)
 Mg. Edwin Lozada Torres. Docente de la carrera de Software de la Universidad Regional Autónoma de los Andes (UNIANDES)
 Mg. María Pico Pico. Docente de la carrera de Software de la Universidad Regional Autónoma de los Andes (UNIANDES)

ID 226 Waste in the Transportation Process Dedicated to the Offshore Chain in an Oil and Gas Company

Joici Mendonça Muniz Gomes
 Master's Student in Logistics
 Industrial Engineering Department, Pontifical Catholic University of Rio de Janeiro (PUC-Rio),
 Rio de Janeiro, RJ, Brazil

Rodrigo Caiado
 Industrial Engineering Department, Pontifical Catholic University of Rio de Janeiro (PUC-Rio),
 Rio de Janeiro, RJ, Brazil;

Taciana Mareth
 Accounting Sciences,
 University of Vale do Rio dos Sinos (UNISINOS),
 Porto Alegre, RS, Brazil

ID 232 Analysis of Factors That Influence Buying Interest in Halal Innovative Products: Study of Body Lotion Brand Product

Dea Christy Andeanie
 Management Department, BINUS Business School Undergraduate Program,
 Bina Nusantara University,
 Jakarta, Indonesia 11480

Elidjen
 Management Department, BINUS Business School Undergraduate Program,
 Bina Nusantara University,
 Jakarta, Indonesia 11480

8:00 – 9:45 am, TUESDAY**Automation and Cyber Security****Room 5**

Session Chair: H.P.N. Hettiarachchi

ID 33 The Natural Language Processing (NLP) Algorithm Integrated with FMECA Analysis Applied in the Maintenance Plans Development to Power Generation System Assets

Vinicius M.D. Toni, Luana A.G. da Costa and Matheus E.T. Botelho
 Department of Mechanical Engineering, UTFPR – Federal University of Technology of the Paraná, Profa. Laura Pacheco Bastos Avenue.800,
 85053-525 Guarapuava, Brazil.

Marjorie Maria Belinelli
 Department of Mechanical Engineering and Maintenance Industrial Department, UTFPR – Federal University of Technology of the Paraná, Profa.
 Laura Pacheco Bastos Avenue.800, 85053-525 Guarapuava, Brazil.

Marcelo Rodrigues and Emerson Rigoni
 Department of Electrotechnical Engineering, UTFPR – Federal University of Technology of Paraná, 3165 Sete de Setembro Avenue, 80230-901
 Curitiba-PR, Brazil.

ID 34 The Natural Language Processing (NLP) Algorithm Integrated with FMECA Analysis Applied in the Maintenance Plans Development to Power Generation System Assets

Vinicius M.D. Toni, Luana A.G. da Costa and Matheus E.T. Botelho
 Department of Mechanical Engineering, UTFPR – Federal University of Technology of the Paraná, Profa. Laura Pacheco Bastos Avenue.800,
 85053-525 Guarapuava, Brazil.

Marjorie Maria Belinelli
 Department of Mechanical Engineering and Maintenance Industrial Department, UTFPR – Federal University of Technology of the Paraná, Profa.
 Laura Pacheco Bastos Avenue.800, 85053-525 Guarapuava, Brazil.

Marcelo Rodrigues and Emerson Rigoni
 Department of Electrotechnical Engineering, UTFPR – Federal University of Technology of Paraná, 3165 Sete de Setembro Avenue, 80230-901
 Curitiba-PR, Brazil.

ID 207 Implementation of Robotic Process Automation: Audit Process, Workflow, and Competencies in Indonesian Banking Firms

Jovan
 Accounting Department, School of Accounting
 Bina Nusantara University
 Jakarta, Indonesia 11480

Michellin
 Accounting Department, School of Accounting

Bina Nusantara University
Jakarta, Indonesia 11480

Ignatius Edward Riantono
Accounting Department, School of Accounting
Bina Nusantara University
Jakarta, Indonesia 11480

ID 267 Machine learning and customer behavior in e-commerce
Hugo Eladio Chumpitaz-Caycho, Ericka Nelly Espinoza-Gamboa, Franklin Cordova-Buiza
Universidad Privada del Norte, Lima, Peru

ID 3 Reducing Imposter Detection Time of Web Applications Using Continuous Authentication
H.P.N. Hettiarachchi, B. Jayawardena and K. Wijayasiriwardhane
Department of Industrial Management,
Faculty of Science, University of Kelaniya,
Sri Lanka

ID 39 Reducing Imposter Detection Time of Web Applications Using Continuous Authentication
H.P.N. Hettiarachchi
Department of Industrial Management,
Faculty of Science, University of Kelaniya,
Sri Lanka

ID 457 Effects of Training on Employee Performance Study on Employee’s of PT Anindya Mitra Internasional
Risky Sandhitya, Romat Saragih
School of Communication and Business Telkom University

July 19 (TUESDAY) - Session: 10:00 am – 1:00 pm - Room 1

Keynote Speakers

Mr. Sumihiro Takaoka
President, Sumi S.A. President
Japan Paraguay Chamber of Commerce

Dr. Heriberto García-Reyes, PhD
Regional Chairman, Industrial Engineering Department
Tecnologico de Monterrey, Monterrey, Mexico

Professor Duc Truong Pham
Chance Professor of Engineering, Director of Research, Department of Mechanical Engineering
University of Birmingham, Birmingham B15 2TT United Kingdom

Dr. Sérgio Shimura
Federal Institute of Education, Science and Technology of São Paulo, Brazil

1:00 – 2:00 pm – Lunch Break

July 19 (TUESDAY) - Session: 2:00 – 3:45 pm

2:00 – 3:45 pm, TUESDAY Electromobility Panel Room 1

Electromobility Panel

Organized by: RELIEVE (Red Latinoamericana de Investigación en Energía y Vehículos) Latinoamerican Research Network in Energy and Vehicles

Moderator

Dr. Nicolas Giraldo-Peralta
Universidad Antonio Nariño
Bogota, Colombia

Panelists

Dr. Daniel Guillermo Cordero Moreno
 Research professor
 Faculty of Science and Technology
 ERGON -Center for Research and Development in Automotive Engineering
 University del Azuay
 Ecuador

Title: Efficiency tests of electric vehicles in chassis dynamometer

Dr. Nelson Arzola de la Pena
 Full Professor
 Faculty of Engineering
 Universidad Nacional de Colombia
 Bogotá Campus

Title: Experiences in the 2nd National Electric Traction Vehicle Competition

Manolín Alcazar, MSc
 Ph.D. Candidate
 Universidad de Málaga
 de Cervantes, 2, 29016 Málaga,
 Spain

Title: Motostudent Competition: No fear, race your talent

2:00 – 3:45 pm, TUESDAY**Global Engineering Education II****Room 2**

Session Chair: Prof. Daniel Ohata

4:00 pm - 4:30 pm (Tuesday, July 19)

Dr. Maria Mercedes Larrondo Petrie
 Professor of Computer Engineering, Florida Atlantic University, USA and
 Executive Director of LACCEI

4:30 pm - 5:00 pm (Tuesday, July 19)

Prof Paulo Roberto Freitas de Carvalho
 Former Dean, FACENCS University
 IPFacens, a department focused on the integration of companies with Facens.

Talk Title: Integration between companies and universities

5:00 pm - 5:30 pm (Tuesday, July 19)

Prof. Daniel Ohata
 Mobile Developer and Game Designer, Ibug Solutions
 Part Time Professor, Centro Universitário Facens
 Sorocaba, São Paulo, Brazil

Talk Title: Metaverse

2:00 – 3:45 pm, TUESDAY**Lean Six Sigma****Room 3**

Session Chair: Hassine Mostafa

ID 399 Aplicación de Lean Manufacturing en los Procesos de Frescos y Congelados de un Centro de Distribución en el Rubro Retail en Paraguay

Sofía Vierci Codasa, Facultad de Ingeniería. Universidad Nacional de Asunción. San Lorenzo, Paraguay.
 Dr. Ing. Andrea Insfrán, Orientador, Facultad de Ingeniería. Universidad Nacional de Asunción. San Lorenzo, Paraguay.

ID 392 Lean Tools and Systems, and their applications in diverse fields- A Review

Neel Thaker
 Pandit Deendayal Energy University,
 Gandhinagar, Gujarat, INDIA

Yug Sandeepkumar Suthar
 Pandit Deendayal Energy University,
 Gandhinagar, Gujarat, INDIA

M. B. Kiran
 Pandit Deendayal Energy University,

Gandhinagar, Gujarat, INDIA

ID 423 Natural Light as an Interior Lighting System Through Fiber Optic Transmission in Paraguay

Oscar Diaz
Graduate Student
Universidad Nacional de Itapua
Encarnacion, Paraguay

Ramon Martinez
Universidad Nacional de Itapua
Encarnacion, Paraguay

Jorge Kurita
Professor and Research Director
Universidad Nacional de Asuncion
Asuncion, Paraguay

ID 419 Design and Fabrication of a Large GTEM Cell for Electromagnetic Compatibility Testing

Blas Vega
Research Director
Agencia Espacial del Paraguay
Asunción, Paraguay

Alejandro Reckziegel
Grad Student
San Lorenzo - Paraguay

Manuel Aquino
Laboratory Assistant

Luis Bernal
Researcher

Diego Herbin Stalder
Full Time Researcher

Facultad de Ingeniería - Universidad Nacional de Asunción

ID 398 Benchmarking Study of Moroccan SMEs Using Lean Management Tools in Order to Ameliorate Their Performance. (Case of SMEs Based on Casablanca)

Nejjari Jihane
PhD student
Interdisciplinary Laboratory of Research and Applications in Management " LIRAM ".
National School of Business and Management of Oujda, Morocco

Hassine Mostafa
Professor
Interdisciplinary Laboratory of Research and Applications in Management " LIRAM ".
National School of Business and Management of Oujda, Morocco

2:00 – 3:45 pm, TUESDAY

Room 4

Session Chair:

July 19 (TUESDAY) - Session: 4:00 – 5:45 pm

4:00 – 5:45 pm, TUESDAY

Women in Industry and Academia Panel

Room 1

Panel Chair

Dr. Ximena Córdova Vallejo
Profesora
Colegio de Ciencias e Ingenierías, Politécnico
Universidad San Francisco de Quito
Ecuador

Panel Speaker I

Maria Carolina Diaz
MBB with Spirit Airlines in Miami

Panel Speaker II

Aracelli Centeno
Senior Process Architect
Registro Nacional de Identificación y Estado Civil (RENIEC)
Peru

Panel Speaker III

4:00 – 5:45 pm, TUESDAY

Plenary

Room 2

Session Chair: Dr. Piera Centobelli

4:00 – 4:30 pm (Tuesday, July 19)

Dr. Nubia Velasco
Associate professor
Universidad de los Andes
Bogota, Colombia

4:30 – 5:00 pm (Tuesday, July 19)

Dr. Piera Centobelli
Professor of Business Economics and Organization
Università degli Studi di Napoli Federico II
Naples, Italy

5:00 – 5:30 pm (Tuesday, July 19)

July 20 (WEDNESDAY)

July 20 (WEDNESDAY) - Session: 6:00 – 7:45 am

6:00 – 7:45 am, WEDNESDAY

e-Business/e-Service/e-Commerce

Room 1

Session Chair: Tirta Nugraha Mursitama

ID 321 Proposed Marketing Strategy Design During the Covid-19 Pandemic Using SOAR and AHP Methods

Harlen Sandila
Student at Industrial Engineering
Departement at Sultan Syarif Kasim State Islamic University
Indonesia

Muhammad Rizki
Assistant Professor Industrial Engineering
Departement at Sultan Syarif Kasim State Islamic University
Indonesia

Misra Hartati
Assistant Professor Industrial Engineering
Departement at Sultan Syarif Kasim State Islamic University
Indonesia

Melfa Yola
Assistant Professor Industrial Engineering
Departement at Sultan Syarif Kasim State Islamic University
Indonesia

Fitra Lestari
Associated Professor Industrial Engineering
Departement at Sultan Syarif Kasim State Islamic University
Indonesia

Nazaruddin
Assistant Professor Industrial Engineering
Departement at Sultan Syarif Kasim State Islamic University
Indonesia

ID 330 Young Generation's Perception of Electric Cars Through Youtube Ads

Chandrasa Soekardi
Mechanical Engineering Department
Mercu Buana University,
Jakarta, Indonesia 11650

Puji Prabowo
Entrepreneurship Department, BINUS Business School Undergraduate Program
Bina Nusantara University, Jakarta, Indonesia 11480

ID 338 The Development of Fintech in Developed Countries of Asian Region: A Literature Study

Nicholas Bustoni, Indra, and Noerlina
Information System Department,
School of Information system
Bina Nusantara University
Jakarta, Indonesia 11480

Tirta Nugraha Mursitama
International Relations Department,
Faculty of Humanities
Bina Nusantara University, Jakarta,
Indonesia 11480

ID 341 The Effect of Communication, Knowledge, and Capability of Stakeholders on the Success of ERP Implementation in Indonesia

Kelvin, Evan Christian, and Noerlina
Information Systems Department,
School of Information Systems,
Bina Nusantara University
Jakarta, Indonesia 11480

Tirta Nugraha Mursitama
International Relations Department,
Faculty of Humanities,
Bina Nusantara University
Jakarta, Indonesia 11480

ID 342 ERP Investment Overview in Developed Countries

Ervan Halim, Jazzhel Afourd, and Noerlina
Information Systems Department,
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Bina Nusantara University
Jakarta, Indonesia 11480

Tirta Nugraha Mursitama
International Relations Department,
Faculty of Humanities,
Bina Nusantara University
Jakarta, Indonesia 11480

ID 343 Utilization of Social Media Platform in Promotional Activities by Analyzing User Interest

Tegar Priyo Wicaksono and Noerlina
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School of Information Systems,
Bina Nusantara University,
Jakarta, Indonesia 11480

Tirta Nugraha Mursitama
International Relations Department,
Faculty of Humanities
Bina Nusantara University,
Jakarta, Indonesia 11480

6:00 – 7:45 am, WEDNESDAY**Decision Sciences****Room 2**

Session Chair: Ryan Alimhamzah

ID 1 Analysis of scientific initiation in Brazil with emphasis on regional disparities and distribution between public and private institutions

Fábio Aquino da Silva¹
Geisa Meirelles Drumond²
Marcelo Jasmim Meiriño³
Mirian Picinini Méxas⁴
Engineering School
Fluminense Federal University
Niterói, RJ, Brazil

Haydée Maria Correia da Silveira Batista
Civil Engineering Department
Federal University of Rio de Janeiro
Rio de Janeiro, Brazil

ID 31 Characterization of Tourism Development of the Municipalities of Lejanías, Mesetas and Uribe in the Department of Meta – Colombia

Carolina Suárez Roldan
Professor and Research
Universidad Cooperativa de Colombia

William Eduardo Mosquero Laverde
Professor and Research
Universidad Cooperativa de Colombia

Gina Paola Suárez Roldan
Professor and Research
Servicio Nacional de Aprendizaje

ID 229 Determinants of Dividend Policy: A Study of Public Listed Companies in Indonesia

Monica Setiawan
Accounting Department, School of Accounting,
Bina Nusantara University
Jakarta, Indonesia 11480

Dezie Leonarda Warganegara
Accounting Department, School of Accounting,
Bina Nusantara University
Jakarta, Indonesia 11480

ID 244 INFLUENCE OF WORK DISCIPLINE, MOTIVATION AND ORGANIZATIONAL COMMITMENT TO EMPLOYEE PERFORMANCE

Agatha Puji Selvira
Management Department, BINUS Business School Undergraduate Program,
Bina Nusantara University,
Jakarta, Indonesia 11480

Eldon Reynard Anggara
Management Department, BINUS Business School Undergraduate Program,
Bina Nusantara University,
Jakarta, Indonesia 11480

Lo Jevany Susanto
Management Department, BINUS Business School Undergraduate Program,
Bina Nusantara University,
Jakarta, Indonesia 11480

Nugroho Juli Setiadi
Management Department, BINUS Business School Undergraduate Program,
Bina Nusantara University,
Jakarta, Indonesia 11480

ID 8 Analysis of the Determinants of Consumer Credit Default Risk in Bolivian Financial Institutions

Boris Christian Herbas-Torricon and Nataly Alessandra Villarroel-Vargas
Exact Sciences and Engineering Research Center (CICEI)
Bolivian Catholic University
Cochabamba, Bolivia

ID 208 Private Company New Share Acquisition Analysis Using Monte Carlo Simulation: A Case Study

Ryan Alimhamzah
Department of Industrial Engineering
Faculty of Engineering, Universitas Indonesia
Kampus UI, Depok 16424, Indonesia

Arian Dhini
Department of Industrial Engineering
Faculty of Engineering, Universitas Indonesia
Kampus UI, Depok 16424, Indonesia

ID 373 Important Aspects in Product Development of MSMEs' e-Business

Puji Prabowo
Entrepreneurship Department, BINUS Business School Undergraduate Program
Bina Nusantara University, Jakarta, Indonesia 11480

Mila A. Savitri and Friska Amalia
Interior Design, School of Design

Bina Nusantara University, Jakarta, Indonesia 11480

Yuda S. Sjaerodji
Visual Communication Design, School of Design
Bina Nusantara University, Jakarta, Indonesia

6:00 – 7:45 am, WEDNESDAY**Environmental Engineering and Management****Room 3**

Session Chair: M. Dachyar

ID 5 Production of Bio Fertilizer from Blending Coal Fly Ash and Vermicompost

A.E. Bobo, Department of Chemical and Process Systems Engineering, School of Engineering and Technology, Harare Institute of Technology, Zimbabwe

M. M. Manyuchi, Department of Operations and Quality Management, Faculty of Engineering and the Built Environment, University of Johannesburg, South Africa

N. Sukdeo, Department of Operations and Quality Management, Faculty of Engineering and the Built Environment, University of Johannesburg, South Africa

ID 251 Conceptualizing Environmental Corporate Competencies: A Semantic Analysis

Yiselis Rodriguez Vignon, Carlos Alejandro Díaz Schery, Rodrigo Goyannes Gusmão Caiado, Fernando Luiz Cyrino Oliveira and Luis Felipe Scavarda

Industrial Engineering Department – DEI
Pontifical Catholic University of Rio de Janeiro - PUC-Rio,
Rio de Janeiro, Brazil

ID 286 Biophilic Research Trends: An Overview Research From 2016-2021

Ida Bagus Ananta Wijaya, Ira Audia Agustina, Baskoro Azis

Interior Design Department, School of Design,

Bina Nusantara University,
Jakarta, Indonesia 11480

Fairuz Iqbal Maulana

Computer Science Department, School of Computer Science,
Bina Nusantara University,
Jakarta, Indonesia 11480

Donna Carollina

Visual Communication Design Department, School of Design,
Bina Nusantara University,
Jakarta, Indonesia 11480

ID 317 Environmental knowledge, attitudes and intentions - A bibliometric review

Ingrid Iovana Burgos Espinoza

Department of Electric Engineering and Computer Sciences

Autonomous University of Ciudad Juárez

Ciudad Juarez, Chihuahua, Mexico

Jorge Luis García Alcaraz, Liliana Avelar Sosa, Roberto Aguilar Gómez

Department of Industrial Engineering and Manufacturing

Autonomous University of Ciudad Juárez

Ciudad Juarez, Chihuahua, Mexico

Alfonso Jesús Gil López

Department of Business and Economics

University of La Rioja

Logroño, La Rioja, Spain

ID 328 Interaction of State and Non-State Actors in Environmental Governance: the Case of Montara Transboundary Pollution

Moch Faisal Karim

Assistant Professor

Bina Nusantara University

Jakarta, Indonesia

Dwi Beatrice Joy Sinaga

Centre for Business and Diplomatic Studies (CBDS)

Jakarta, Indonesia

ID 46 Efecto de la implementación de Herramientas Lean y el desempeño operacional en empresas Manufactureras: Una revisión Literaria

Juan Carlos Herrera Vega

Departamento de Ingeniería Industrial

Fundación Universitaria Tecnológico Comfenalco

Cartagena de Indias, Colombia

ID 36 Project Financing Analysis Using Capital Budgeting and Multi Criteria Decision Making (MCDM) in Geothermal Projects in Indonesia

Yafiazmi Dhaniswara, Farizal and M. Dachyar
 Department of Industrial Engineering
 Faculty of Engineering
 Universitas Indonesia
 Jakarta, Indonesia

ID 417 Post-Disaster Humanitarian Logistics In Natural Disasters: A Systematic Review

Sambudi Hamali, Helen Purnama Hutahaeaan, Kezia Audrey Widjaja
 Management Department, BINUS Business School Undergraduate Program, Bina Nusantara University, Palmerah, Jakarta 11480, Indonesia

6:00 – 7:45 am, WEDNESDAY**Manufacturing****Room 4**

Session Chair: Silvia, Departement at Sultan Syarif Kasim State Islamic University, Indonesia

ID 149 Continuous Improvement: Critical Factors in Logistics Companies in Indonesia

Darryl and Widiani Utami
 Master Program, BINUS Business School
 Bina Nusantara University
 Jakarta, Indonesia

Dr. Sambudi Hamali, S.T, M.M
 Management Department, BINUS Business School Undergraduate Program
 Bina Nusantara University
 Jakarta, Indonesia

ID 325 Electro Discharge Machining Process- A Review

Diyanshi Patel, Harshavi Torawala, Himanshi Singh, Kshitij Chitroda, Smit Thakore, M. B. Kiran
 Pandit Deendayal Energy University
 Gandhinagar, Gujarat, India

ID 336 Impact of the Application of Lean Manufacturing in Sausage Production Line Equipment in the Food Manufacturing Industry in Metropolitan Lima

Brayan Alexander Quiroz-Melgarejo
 Universidad de Lima
 Facultad de Ingeniería y Arquitectura
 Lima Peru

Juancarlos Joel Mendoza-Morales
 Universidad de Lima
 Facultad de Ingeniería y Arquitectura
 Lima Peru

Juan Manuel Machuca-De Pina
 Lima University
 Faculty of Engineering and Architecture, Faculty of Business and Economic Sciences
 Lima Peru

ID 369 Production Line Improvement Analysis With Lean Manufacturing Approach To Reduce Waste At CV. TMJ uses Value Stream Mapping (VSM) and Root Cause Analysis (RCA) methods.

Misda Yanti
 Student at Industrial Engineering
 Universitas Islam Negeri Sultan Syarif Kasim Riau

Fitriani Surayya Lubis
 Assistant Professor Industrial Engineering
 Universitas Islam Negeri Sultan Syarif Kasim Riau

Muhammad Rizki
 Assistant Professor Industrial Engineering
 Universitas Islam Negeri Sultan Syarif Kasim Riau

Nazaruddin
 Assistant Professor Industrial Engineering
 Universitas Islam Negeri Sultan Syarif Kasim Riau

Misra Hartati
 Assistant Professor Industrial Engineering
 Departement At Sultan Syarif Kasim State Islamic University
 Indonesia

Anwardi
 Assistant Professor Industrial Engineering
 Universitas Islam Negeri Sultan Syarif Kasim Riau

ID 258 Integrated Service Providers or SME: Business Consultation, Business Education and Business Promotion with Implementation of Quality Function Development

Fransisca Dini Ariyanti, M Fernando, and R Khosesa
Industrial Engineering Department, Faculty of Engineering, Bina Nusantara University, Jakarta, Indonesia 11480

ID 396 The Effect of ESG Reporting to Performance of Company Moderated by Board Gender Diversity in Publicly Listed Companies under Indonesia Stock Exchange ESG Leader Index

Tjatur Widyantoro
Binus Business School Doctor of Research in Management
Bina Nusantara University
Jakarta Selatan, DKI Jakarta, Indonesia

Mohammad Hamsal
Binus Business School Doctor of Research in Management
Bina Nusantara University
Jakarta Selatan, DKI Jakarta, Indonesia

Boto Simatupang
Binus Business School Doctor of Research in Management
Bina Nusantara University
Jakarta Selatan, DKI Jakarta, Indonesia

Asnan Furinto
Binus Business School Doctor of Research in Management
Bina Nusantara University
Jakarta Selatan, DKI Jakarta, Indonesia

Rano Kartono
Binus Business School Doctor of Research in Management
Bina Nusantara University
Jakarta Selatan, DKI Jakarta, Indonesia

ID 394 Production Line Improvement Analysis With Lean Manufacturing Approach To Reduce Waste At CV. T.M.J. uses Value Stream Mapping (V.S.M.) and Root Cause Analysis (R.C.A.) methods.

Misda Yanti
Student at Industrial Engineering
Universitas Islam Negeri Sultan Syarif Kasim Riau

Fitriani Surayya Lubis
Assistant Professor Industrial Engineering
Universitas Islam Negeri Sultan Syarif Kasim Riau

Nazaruddin
Assistant Professor Industrial Engineering
Departement at Sultan Syarif Kasim State Islamic University
Indonesia

Muhammad Rizki
Assistant Professor Industrial Engineering
Universitas Islam Negeri Sultan Syarif Kasim Riau

Silvia
Assistant Professor Industrial Engineering
Departement at Sultan Syarif Kasim State Islamic University
Indonesia

6:00 – 7:45 am, WEDNESDAY**Operations Management****Room 5**

Session Chair: Fitri Surraya

ID 37 Optimization of Assembly Process in the Production Line to Increase Productivity with the Line Balancing Method in Indonesian Automotive sector

Andy Kresna, Farizal and M. Dachyar
Department of Industrial Engineering
Faculty of Engineering
Universitas Indonesia
Jakarta, Indonesia

ID 284 Knowledge-Processing Capabilities On Innovative Work Behavior: The Role Mediating Of Employee Creativity

Yanto Tjoa¹, Mohammad Hamsal², Asnan Furinto³, Rano Kartono⁴
Doctor of Research in Management
BINUS Business School

Bina Nusantara University
Jakarta Selatan, DKI Jakarta, Indonesia

ID 40 Specialized Valid Inequalities for the Driver Scheduling Problem for Mass Transit Systems*

Laura M Escobar a, Rubén I. Bolaños b, Luis M. Escobar c, Kenny P. Cardenas a, César A. Marin b
aUniversidad Tecnológica de Pereira, Carrera 27 #10-02, Barrio Alamos, Pereira, 660003, Colombia
bEdificio Integra, Calle 13 No. 15-53 5 Piso, Los Alpes, Pereira, 660003, Colombia
cUniversidad Libre Seccional Pereira, Avenida Las Américas, Carrera 28 #96-102, Barrio Belmonte, Pereira, 660001, Colombia

ID 73 Stochastic Dynamic Optimization for Dynamic Scheduling

Yasin Göçgün
Associate Professor of Industrial Engineering
Faculty of Engineering and Natural Sciences
İstinye University
Istanbul, Turkey

ID 371 Proposed Improvements to The Chip Raw Material Control System Using the Continuous Review System and Periodic Review System Methods

Mutia Anggaraini
Student
Universitas Islam Negeri Sultan Syarif Kasim Riau
Pekanbaru, Indonesia

Nazaruddin
Asistant Professor
Universitas Islam Negeri Sultan Syarif Kasim Riau
Pekanbaru, Indonesia

Muhammad Rizky
Asistant Professor
Universitas Islam Negeri Sultan Syarif Kasim Riau
Pekanbaru, Indonesia

Fitri Surraya
Asistant Professor
Universitas Islam Negeri Sultan Syarif Kasim Riau
Pekanbaru, Indonesia

ID 168 Development of a Web-Based Scoring Model Application to Enhance Project Portfolio Selection

Muhammad Aziz Wibisono
Information Systems Department, School of Information Systems,
Bina Nusantara University,
Jakarta, Indonesia 11480

Hedianto Samiaji Rachmadi
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Mohammad Ichsan
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Bina Nusantara University,
Jakarta, Indonesia 11480

Ali Gunawan
Information Systems Department, School of Information Systems,
Bina Nusantara University,
Jakarta, Indonesia 11480

ID 282 Determinant Factors for Innovation Project Management on Project Performance

Rini Inthalasari¹, Muhtosim Arief²
Doctor of Research in Management
BINUS Business School
Bina Nusantara University
Jakarta Selatan, DKI Jakarta, Indonesia.

July 20 (WEDNESDAY) - Session: 8:00 – 9:45 am

8:00 – 9:45 am, WEDNESDAY

Plenary III

Room 1

Session Chair: Victoria Canela

8:00 am – 8:30 am (Wednesday, July 20)

Rodolfo Sabonge
 Secretario General
 Asociación de Estados del Caribe
 Trinidad and Tobago

8:30 am – 9:00 am (Wednesday, July 20)

Victoria Canela
 Workcell Manager
 Jabil Healthcare
 Santo Domingo, Distrito Nacional
 Dominican Republic

9:00 am – 9:30 am (Wednesday, July 20)

Dave Harry
 Black Belt Trainer / Kata Coach
 President & CEO
 Process Whisperer® Consultants LLC
 Greeneville, TN, USA

8:00 – 9:45 am, WEDNESDAY

Industry Solutions I

Room 2

Session Chair:

2:00 – 2:20 pm (Wednesday)

Felix Peña
 CEO
 Coworking Labs EAS
 Paraguay

2:20 – 2:40 pm (Wednesday)

Dr. Imran Ahmad Rana
 Quality Management & Analytics Head
 TCL, Lahore
 Pakistan

2:40 – 3:00 pm (Wednesday)

Aldo Marcos Moscarda
 Director
 MARCOS Ingenieros constructores. (Antes Hidrovial Consultores)
 Paraguay

3:00 – 3:20 pm (Wednesday)

Gabriel Gonzalez Morra
 Director – Lean Six Sigma Institute LLC
 Director – Advance Business Advisors
 Associate Professor, UCOM – Universidad Comunera
 Paraguay

3:20 – 3:40 pm (Wednesday)

Dr. Aneesh Zutshi
 Assistant Professor
 Research & Educator on Digital Platforms and Blockchain Technologies
 Universidade Nova de Lisboa
 Lisbon, Portugal

8:00 – 9:45 am, WEDNESDAY

Case Studies

Room 3

Session Chair:

ID 50 The Creative Economy Research Trend in Indonesian

Audio Valentino
 Entrepreneurship Department,
 BINUS Business School Undergraduate Program
 Bina Nusantara University
 Jakarta, Indonesia, 11480

Riefky Prabowo
Entrepreneurship Department,
BINUS Business School Undergraduate Program
Bina Nusantara University
Jakarta, Indonesia, 11480

Bigraf Triangga
Entrepreneurship Department,
BINUS Business School Undergraduate Program
Bina Nusantara University
Jakarta, Indonesia, 11480

ID 153 Winning Consumers with Brand Experience: The Effect of Consumer's Brand Experience Towards Consumer-Brand Relationship

Mohamad Rijal Iskandar Zhulqurnain, Heni Agustina, Rizki Amalia Elfita, Riyan Sisiawan Putra, and Hidayatul Khusnah.
Universitas Nahdlatul Ulama Surabaya, Surabaya, Indonesia

ID 205 Increasing Market Strategy: Maintaining Purchase Intention on Multinational Company in Indonesia

Sidik Budiono
Department of Management Faculty of Economics and Business
Universitas Pelita Harapan, Tangerang 15811, Indonesia

John Tampil Purba
Department of Management Faculty of Economics and Business
Universitas Pelita Harapan, Tangerang 15811, Indonesia

Henry Wijaya Budiono
Department of Economics Faculty of Economics and Business
Universitas Kristen Satya Wacana. Salatiga 50711, Indonesia

ID 206 Effect of Perceived Brand Matter and Consumer Engagement moderated By Perceived Popularity and Perceived Likelihood on Adding Value of Adidas Brand Co-Promotion on Instagram Users

Stefanus R. Raynaldo and John Tampil Purba
Department of Management Faculty of Economics and Business
Universitas Pelita Harapan, Tangerang 15811, Indonesia

Sidik Budiono
Department of Management Faculty of Economics and Business
Universitas Pelita Harapan, Tangerang 15811, Indonesia

Henry Wijaya Budiono
Department of Economics Faculty of Economics and Business
Universitas Kristen Satya Wacana. Salatiga 50711, Indonesia

ID 27 Business Growth in Relation to Utilising Word of Mouth as a Primary Marketing Tool – a Case Study on Ponipake

Hanson Mulia
Entrepreneurship Department, BINUS Business School Undergraduate Program,
Bina Nusantara University, Jakarta, Indonesia

Rudy Aryanto
Entrepreneurship Department, BINUS Business School Undergraduate Program,
Bina Nusantara University, Jakarta, Indonesia

ID 28 Validation and Development Strategy for Fashion Business: An Action Research Study on Euvoria

Syafiera Rahmania Muhamad
Entrepreneurship Department, BINUS Business School Undergraduate Program,
Bina Nusantara University, Jakarta, Indonesia

Rudy Aryanto
Entrepreneurship Department, BINUS Business School Undergraduate Program,
Bina Nusantara University, Jakarta, Indonesia

ID 68 Indonesia Bibliometric-Based Research in 2021: A Systematic Review

Kiki Nugraha
Department of Library Science
Universitas Indonesia
Depok 16424, Indonesia

ID410 The Effect Of E-Service Quality On E-Customer Loyalty Through E-Customer Satisfaction As An Intervening Variable (Case Study On Sociolla Application)

Vidya Natasha Sri Dewi, Farah Oktafani, Mahendra Fakhri
School of Communication and Business Telkom University Indonesia

8:00 – 9:45 am, WEDNESDAY**Business Management****Room 4**

Session Chair: Franklin Cordova-Buiza, Universidad Privada del Norte, Lima, Peru

ID 276 Machine Learning and Human Resources Management in the private sector: A bibliometric mapping perspective

Mario Cueva-Mayo, Kamila Chiroque-Valencia, Martín Collao-Díaz, Juan Carlos Quiroz-Flores and Alberto Flores-Perez
Facultad de Ingeniería y Arquitectura, Universidad de Lima, Lima, Perú

ID 348 Understanding Game Industry: How to Maintain Creative Performance?

Okta Prihatma Bayu Putra
Management Department, BINUS Business School Doctor of Research in Management,
Bina Nusantara University

Agustinus Bandur
Management Department, BINUS Business School Doctor of Research in Management,
Bina Nusantara University

Engkos Achmad Kuncoro
Management Department, BINUS Business School Doctor of Research in Management,
Bina Nusantara University
Management Department, BINUS Business School Undergraduate Program,
Bina Nusantara University

Sasmoko
Management Department, BINUS Business School Doctor of Research in Management,
Bina Nusantara University
Primary Teacher Education Department, Faculty of Humanities, Bina Nusantara University

ID 361 E-Service Quality In Digital Health Applications

Asnan Furinto
Doctoral Research Management
Bina Nusantara University
Jakarta, Indonesia.

Dewi Tamara
Executive Strategic in Management
Bina Nusantara University
Jakarta, Indonesia

Adhietya Saputra
Executive Strategic in Management
Bina Nusantara University
Jakarta, Indonesia

Tri Febriantono Saputra
Executive Strategic in Management
Bina Nusantara University
Jakarta, Indonesia

ID 362 Consumer Usage Intention On Digital Health Application Using Extended TAM

Dewi Tamara
Executive Program
Bina Nusantara University
Jakarta, Indonesia

Aldy Rienaldy
Blended Learning Program
Bina Nusantara University
Jakarta, Indonesia

Anugerah Fuad Ramadhan
Blended Learning Program
Bina Nusantara University
Jakarta, Indonesia

Dandy Rizky Widyawan
Blended Learning Program
Bina Nusantara University
Jakarta, Indonesia

ID 365 Digital Investment Innovation: Conceptual framework to explore Robo Advisor in Indonesia

Arief Fahruri
Doctoral Research in Management
Universitas Bina Nusantara, Indonesia

ID 367 Sports Marketing in Peru's most important soccer clubs during the Covid pandemic-19

Franklin Cordova-Buiza
 Research, Innovation and Social Responsibility Department
 Universidad Privada del Norte
 Lima, Peru

Alejandra Gabriela Salazar-Bernabe
 Business Faculty, Administration and Marketing
 Universidad Privada del Norte
 Lima, Peru

Luis Angel Castillo-Yong
 Business Faculty, Administration and Tourism Services
 Universidad Privada del Norte
 Lima, Peru

ID 370 Systematic Literature Review: Product Quality Control in The Manufacturing Industry with Seven Tools Method Approach

Haryadi Sarjono;
 BINUS Business School Undergraduate, Bina Nusantara University,
 Jl. K.H. Syahdan No.9, Palmerah, Jakarta Barat, Indonesian 11480.

Mia Ginajar Saputri;
 Sekolah Tinggi Ilmu Ekonomi, Bisnis Indonesia, Management
 Jl. Kebayoran Lama No. 46, South Sukabumi, West Jakarta, Indonesia

ID 439 The Effect of Discounts, Vouchers, and Cashbacks on Customer Interest Using Digital Payments (Case Study on ShopeePay Generation Z Users in Bandung City)

Alyda Intan Pramesti
 Faculty of Communication and Business Telkom University
 Bandung, Indonesia

Budi Rustandi Kartawinata
 Faculty of Communication and Business Telkom University
 Bandung, Indonesia

8:00 – 9:45 am, WEDNESDAY

Applied Statistics

Room 5

Session Chair: Romat Saragih, School of Communication and Business Telkom University

ID 23 Biased logistic models applied to cervical cancer risk

José Antonio Cárdenas Garro
 Universidad de Lima
 Lima, Perú

José Antonio Taquía Gutiérrez
 Universidad de Lima
 Instituto de Investigación Científica
 Lima, Perú

ID 83 Stochastic Dynamic Optimization for Dynamic Scheduling

Yasin Göçgün
 Associate Professor of Industrial Engineering
 Faculty of Engineering and Natural Sciences
 İstinye University
 İstanbul, Turkey

ID 111 Comparing the Kronecker Models with Other Alternatives

Javier Cruz Salgado
 Professor and Research
 Universidad de las Américas Puebla
 Puebla, México

Roxana Zaricell Bautista López
 Universidad Politécnica del Bicentenario
 PICIT, CIATEC
 Silao, Guanajuato, México

ID 227 Effect of Current Ratio, Capital Structure, and ROE on Company Value with Company Size as Moderating Variable in Consumer Goods Sector Companies Listed in Indonesia Stock Exchange (2015-2017)

Enisa Priliani Alamsyah
 Accounting Department, School of Accounting,
 Bina Nusantara University
 Jakarta, Indonesia 11480

Titik Indrawati

Accounting Department, School of Accounting,
Bina Nusantara University
Jakarta, Indonesia 11480

ID 228 The Effect of Corporate Ownership Structure and Board Size on Earnings Management of Non-Financial Companies Listed on Indonesia Stock Exchange in 2013-2016

Gifta Gelyana

Accounting Department, School of Accounting,
Bina Nusantara University
Jakarta, Indonesia 11480

Yen Sun

Accounting Department, School of Accounting,
Bina Nusantara University
Jakarta, Indonesia 11480

ID 230 Factors That Influence Voluntary Switching Auditors in Manufacturing Companies Listed in Indonesia Stock Exchange

Ricardo Tulus Panjaitan

Accounting Department, School of Accounting,
Bina Nusantara University
Jakarta, Indonesia 11480

Bambang Leo Handoko

Accounting Department, School of Accounting,
Bina Nusantara University
Jakarta, Indonesia 11480

ID 231 The Effect of Term Debt Short, Investment in Fixed Assets, Board Size, Networking Capital, Leverage, Firm Size and Return on Assets on Cash Holding in Goods Consumer Sector Companies Listed in Indonesia Stock Exchange

Yunivur Sutrin Sudharyanto

Accounting Department, School of Accounting,
Bina Nusantara University
Jakarta, Indonesia 11480

Yen Sun

Accounting Department, School of Accounting,
Bina Nusantara University
Jakarta, Indonesia 11480

ID 245 The Effect of Social Media Marketing and Service Quality on Consumers Purchase Intention in PT. XYZ (Case Study of Pasaraya Grande Branch)

Ewaldo Reyhan Damara

Management Department, BINUS Business School Undergraduate Program,
Bina Nusantara University,
Jakarta, Indonesia 11480

Degaditya Handoko

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Bina Nusantara University,
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Muhammad Irfan Habibi

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Bina Nusantara University,
Jakarta, Indonesia 11480

Lasmy

Management Department, BINUS Business School Undergraduate Program,
Bina Nusantara University,
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ID 246 Optimization of The Amount of Facial Wash Production in PT. XYZ Using Linear Programming Method

Dicky Aditya

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Bina Nusantara University,
Jakarta, Indonesia 11480

Inda Anita

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Bina Nusantara University,
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Nadya Putri

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Bina Nusantara University,
Jakarta, Indonesia 11480

Bachtiar H. Simamora
Management Department, BINUS Business School Undergraduate Program,
Bina Nusantara University,
Jakarta, Indonesia 11480

ID 456 The Influence of Work Discipline and Motivation on Employee Performance of
PT Telekomunikasi Indonesia Riau

Diyannah Fadhillah, Romat Saragih
School of Communication and Business Telkom University

July 20 (WEDNESDAY) - Session: 10:00 am – 1:00 pm

Keynote Speakers – Room 1

Claudio Vierci
Director-Presidente
Vierci Development, Paraguay

Dr. Clinton AIGBAVBOA
Professor, Department of Construction Management and Quantity Surveying
University of Johannesburg, South Africa

Jill Hosmer- Jolley PhD, MBA
Neurodiversity Accessibility Consultant, MBA Faculty
California State University, Monterey Bay
Management coaching. DEI. CSR. HR. OB., Monterey, California, USA

Alfred Fast
CEO, Fecoprod Ltda. and President
El Instituto de Biotecnología Agrícola (INBIO), Asuncion Paraguay

1:00 – 2:00 pm – Lunch Break

July 20 (WEDNESDAY) - Session: 2:00 – 3:45 pm

2:00 – 3:45, WEDNESDAY

Room 1

Panel on Lean Six Sigma

Panel Chair

Dr. Imran Ahmad Rana
Management and Analytics Professional Trainer, Coach, Consultant and Practitioner
TCL, Lahore
Pakistan

Panel Speaker I

Dave Harry
Black Belt Trainer / Kata Coach
President & CEO
Process Whisperer® Consultants LLC
Greenville, TN, USA

Panel Speaker II

Javier Enríquez

PM Consultant
IT, Mining & Construction
Lima, Peru

Panel Speaker III

2:00 – 3:45, WEDNESDAY**Industry Solutions II****Room 2**

Session Chair: Guillermo Parra Romero

4:00 – 4:20 pm (Wednesday)

Mehmet Kursunlu
Founder, VP & CTO
MARS LABS
Istanbul, Turkey

4:20 – 4:40 pm (Wednesday)

Mr. Luis Bramante

4:40 – 5:00 pm (Wednesday)

Guillermo Parra Romero, MSCSE
Control Systems Engineer
TEACS – Technology, Engineering and Control Systems
Paraguay

5:00 – 5:20 pm (Wednesday)

Aly Sodhro, PhD
Senior Lecturer
Kristianstad University
Kristianstad, Skåne County, Sweden

5:20 – 5:40 pm (Wednesday)

Mr. Brian Benigo
Infinity Safe

Threat Response in Cyber Security

July 20 (WEDNESDAY) - Session: 4:00 – 5:45 pm

4:00 – 5:45, WEDNESDAY**Room 1**

Panel on "The Impact of Extra Curriculum Activities in Professional Performance"

Panel Chair

Fernando Gonzalez Aleu, Ph.D. CPEM
Associate Professor
University of Monterrey
Monterrey, Nuevo León, Mexico

Panel Speaker I

Panel Speaker II

Panel Speaker III

4:00 – 5:45, WEDNESDAY**Global Business Management Education I****Room 2**

Session Chair: Dr. Alireza Shokri

Speaker I – 4:00 – 4:20 pm, Wednesday, July 20

Dr. Nokhaiz Tariq
Chairperson & Assistant Professor

Faculty of Business and Management Sciences
Information Technology University
Lahore, Punjab, Pakistan

Speaker II – 4:20 – 4:40 pm, Wednesday, July 20

Dr. Aftab Alam
Professor of Marketing
Centre of Management Studies
Jamia Millia Islamia
(A Central University, Govt of India)
New Delhi, India

Speaker III – 4:40 – 5:00 pm, Wednesday, July 20

Dr. Soroush Avakh Darestani
Senior Lecturer in Business & Management
London Metropolitan University
London, England, United Kingdom

Speaker IV – 5:00 – 5:20 pm, Wednesday, July 20

Dr. Alireza Shokri
Associate Professor in Operations and Supply Chain Management
Leader for Operations, Supply Chain and Logistics Management Subject Group
Associate Editor of International Journal of Lean Six Sigma
Convener of Global Operations and Supply chain Competitiveness (GLOPSCO) Research Interest Group
Faculty of Business and Law
Northumbria University
Newcastle upon Tyne, United Kingdom

Speaker V – 5:20 – 4:40 pm, Wednesday, July 20

Professor Abdul Talib Bon, Ph.D.
Professor of Technology Management
Department of Production and Operations Management
Faculty of Technology Management and Business
Universiti Tun Hussein Onn Malaysia

July 21 (THURSDAY)

July 21 (THURSDAY) - Session: 6:00 – 7:45 am

6:00 – 7:45 am, THURSDAY

Artificial Intelligence

Room 1

Session Chair: Andi Pramono

ID 211 Adoption Frameworks for Artificial Intelligence in the Public Sector: A Systematic Review of Literature

Khalid Alshehhi*, Ali Cheaitou, Hamad Rashid
Department of Industrial Engineering and Engineering Management
University of Sharjah
27272 Sharjah, United Arab Emirates

ID 292 Two Decade Research Trend in Artificial Intelligence of Climate Change: A Bibliometric Analysis

Fairuz Iqbal Maulana
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Bina Nusantara University
Jakarta 11480, Indonesia

Donna Carollina
Visual Communication Design Department, School of Design
Bina Nusantara University
Jakarta 11480, Indonesia

Raden Aditya Kristamtomo Putra and Mardhatillah Shanti
Entrepreneurship Department, BINUS Business School Undergraduate Program
Bina Nusantara University
Jakarta 11480, Indonesia

ID 309 A Bibliometric Review of Global Research on Artificial Intelligence in Business and Economics Research In 20 Years

Fairuz Iqbal Maulana
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Bina Nusantara University

Jakarta 11480, Indonesia

Donna Carollina
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Bina Nusantara University
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Raden Aditya Kristamtomo Putra
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Jakarta 11480, Indonesia

Tiara Ika Widia Primadani
Interior Design Department, School of Design,
Bina Nusantara University
Jakarta, Indonesia 11480

ID 310 A Decade of Artificial Intelligence in E-Commerce Research: A Bibliometric Study

Fairuz Iqbal Maulana
Computer Science Department, School of Computer Science,
Bina Nusantara University
Jakarta 11480, Indonesia

Donna Carollina
Visual Communication Design Department, School of Design
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Jakarta 11480, Indonesia

Raden Aditya Kristamtomo Putra
Entrepreneurship Department, BINUS Business School Undergraduate Program
Bina Nusantara University
Jakarta 11480, Indonesia

Andi Pramono
Interior Design Department, School of Design,
Bina Nusantara University
Jakarta, Indonesia 11480

ID 311 Artificial Intelligence for Digital Business Models: A Scientometric Analysis in the Last Ten Years

Fairuz Iqbal Maulana, Gusti Pangestu
Computer Science Department, School of Computer Science,
Bina Nusantara University
Jakarta 11480, Indonesia

Donna Carollina
Visual Communication Design Department, School of Design
Bina Nusantara University
Jakarta 11480, Indonesia

Raden Aditya Kristamtomo Putra
Entrepreneurship Department, BINUS Business School Undergraduate Program
Bina Nusantara University
Jakarta 11480, Indonesia

Gamal Kusuma Zamahsari
Communication Science Department, Faculty of Economics & Communication,
Bina Nusantara University
Jakarta, Indonesia 11480

ID 344 Productivity During Pandemic: A Mobile Based Attendance Taking And Task Management Application

Mohamad Alif Ghifari Rachman
Computer Science Department, School of Computer Science,
Bina Nusantara University,
Jakarta, Indonesia 11480

Achmad Rafii Syafran
Computer Science Department, School of Computer Science,
Bina Nusantara University,
Jakarta, Indonesia 11480

Wisnu Arisputro Prabowo
Computer Science Department, School of Computer Science,
Bina Nusantara University,
Jakarta, Indonesia 11480

Brilly Andro Makalew

Mobile Application & Technology Program, Computer Science Department,
School of Computer Science, Bina Nusantara University,
Jakarta, Indonesia 11480

ID 368 Iraise Satisfaction Analysis Use the End User Computing Satisfaction (Eucs) Methods in Department Of Sains and Teknologi Uin Suska Riau

Novita Saputri
Student at Industrial Engineering
Universitas Islam Negeri Sultan Syarif Kasim Riau

Fitriani Surayya Lubis
Assistant Professor Industrial Engineering
Universitas Islam Negeri Sultan Syarif Kasim Riau

Muhammad Rizki
Assistant Professor Industrial Engineering
Universitas Islam Negeri Sultan Syarif Kasim Riau

ID 374 Payment Gateway Used by MSMEs in Processing Business Transactions

Puji Prabowo and Imanda Dea Sabiella
Entrepreneurship Department, BINUS Business School Undergraduate Program
Bina Nusantara University, Jakarta, Indonesia

6:00 – 7:45 am, THURSDAY

SCM and Logistics

Room 2

Session Chair: Dian Gita Utami

ID 85 Reference model for business excellence logistics; application in Latin American countries

Ana Julia Acevedo Urquiaga
Industrial Engineering Program and DlySST Research Group
San Mateo University Foundation

Rosa Nathaly Lay de León
Industrial Engineering Program and DlySST Research Group
San Mateo University Foundation

José Antonio Acevedo Suárez
Logistics and Production Management Laboratory
Technological University of Havana "José Antonio Echevarría"
Calle 144 #11901 e/ Coclovía y Rotonda, Marianao, La Habana, Cuba

Neyfe Sablón Cossío
Posgraduate Institute and Production and Services Group (ProServ)
Technical University of Manabí
Portoviejo, Ecuador

Martha Ines Gómez Acosta
Logistics and Production Management Laboratory
Technological University of Havana "José Antonio Echevarría"
Calle 144 #11901 e/ Coclovía y Rotonda, Marianao, La Habana, Cuba

Feres Sahid
Fundación Centro de Investigaciones y Asistencia Técnica Internacional John F. Kennedy
Cl. 125 #No. 19 - 89 Of. 504, Bogotá, Colombia

ID 347 Lean Logistic and Demand Planning Model

Alisson Consuelo Lozano Chavez and Jean Mora Cabrera
Universidad de Lima, Escuela de Ingeniería y Arquitectura, Carrera de Ingeniería Industrial
Lima, Perú

José Antonio Taquíá Gutiérrez
Universidad de Lima,
Instituto de Investigación Científica, Carrera de Ingeniería Industrial
Lima, Perú

ID 91 An Intelligent Model for Industry's Sustainability Assessment

Muhammad Asrol, Abdullah Nabil, AAN Perwira Redi
Industrial Engineering Department, BINUS Graduate Program – Master of Industrial
Engineering, Bina Nusantara University, Jakarta, 11480, Indonesia

Yoga T Prasetyo
School of Industrial Engineering and Engineering Management,
Mapua University, Philippines

Parida Jewpanya
Department Industrial Engineering, Rajamanggala University of Technology,
Lanna Tak, Thailand

ID 199 Exploring the Causes of the Fluctuative Indonesia's Food Waste Loss in Pandemic Era: Value Belief Norm Theory

Neisya Aulia
Undergraduate Student
Binus University,
Jakarta, Indonesia

Galuh Dian Prama Dewi
Lecturer & Researcher
Binus University,
Jakarta Indonesia

ID 214 Design and Operating Cost Analysis of a Solar Energy Propulsion System for an Electric Passenger Boat for the Paraguay River

Denis Cuevas, Renato Orué and Jean-Claude Pulfer
Laboratory of Mechanics and Energy, Faculty of Engineering
National University of Asuncion
Campus San Lorenzo, Paraguay

ID 318 Japan-China Rivalry in Jakarta-Bandung High-Speed Railway Infrastructure Project

Moch Faisal Karim
Assistant Professor
Bina Nusantara University
Jakarta, Indonesia

Anisa Noor Addini
Centre for Business and Diplomatic Studies (CBDS)
Jakarta, Indonesia

ID 379 The Effect of Product Reviews and Service Quality on Consumer Purchase Decisions of E-Commerce Tokopedia in Bandung

Maky Maynaki
Department of Business Administration
Telkom University
Bandung, 40257, Indonesia

Aditya Wardhana
Department of Business Administration
Telkom University
Bandung, 40257, Indonesia

Budi Rustandi Kartawinata
Department of Business Administration
Telkom University
Bandung, 40257, Indonesia

Mahir Pradana
Department of Business Administration
Telkom University
Bandung, 40257, Indonesia

Dian Gita Utami
Department of Business Administration
Politeknik Negeri Ujung Pandang
Makassar, Indonesia

ID 372 Factors that Determine the Use of Online Food Delivery

Puji Prabowo and Imanda Dea Sabiella
Entrepreneurship Department, BINUS Business School Undergraduate Program
Bina Nusantara University, Jakarta, Indonesia

6:00 – 7:45 am, THURSDAY**Technology Management****Room 3**

Session Chair: Roxana Zaricell Bautista López

ID 198 Corporate Social Responsibility and Eco-Efficiency: Impact on Firm Value in The Indonesian Manufacturing Sector

Anisa Putri Mutiara Sicard, Nadia Talitha Salsabila Tanjung, Holly Devianti, S.E., M.B.A
Accounting Department, Faculty of Economics and Communication
Bina Nusantara University
Jakarta, Indonesia, INA

ID 201 An Empirical Study of Student Acceptance toward SaaS-Based Academic Information System: an extended UTAUT model

Abd Rahman
Department of Information Systems
Institut Teknologi Sepuluh Nopember
Surabaya, Indonesia

Reny Nadlifatin*
Department of Information Systems
Institut Teknologi Sepuluh Nopember
Surabaya, Indonesia

Satria Fadil Persada
Entrepreneurship Department, BINUS Business School Undergraduate Program, Bina Nusantara University, Jakarta, Indonesia

ID 299 UTILIZATION OF VIRTUAL TOURISM TECHNOLOGY AS AN ALTERNATIVE DURING THE COVID-19 PANDEMIC

Nurafni Rubiyanti, Agnes Harnadi, Eko Widodo, Riki Ramadani, Mahir Pradana, Anita Silvianita
Universitas Telkom
Universitas Atma Jaya
London School of Public Relations

ID 329 The role of digital leadership to improve innovation capabilities and TQM of MSMEs in Indonesia

Stefanus Rumangkit
Management Study Program
Bina Nusantara University
Jakarta, Indonesia

Antonius Satria Hadi
Entrepreneurship Study Program
Widya Mataram University
Yogyakarta, Indonesia

ID 277 ISO 55001 in Brazil: why few companies are practicing the standard?

Ana Carolina Gandini Panegossi
Federal Institute of Sao Paulo (IFSP) – Matao Campus
Matao, Sao Paulo, Brazil.

Doctoral student in the Regional Development and Environment Program of the University of Araraquara (UNIARA), Araraquara, Sao Paulo, Brazil

Ethel Cristina Chiari da Silva
University of Araraquara (UNIARA)
Araraquara, Sao Paulo, Brazil

José Wagner Braidotti Junior
Braidotti Engineering and Consulting, Sao Paulo, Brazil

Marcus Cesar Avezum Alves de Castro
Sao Paulo State University (UNESP)
Rio Claro, Sao Paulo, Brazil

ID 279 Measurement of oxygen in an abalone using a non-invasive technique

Roxana Zaricell Bautista López
Universidad Politécnica del Bicentenario
PICYT, CIATEC
Silao, Guanajuato, México

Javier Cruz Salgado
Professor and Research
Universidad de las Américas Puebla
Puebla, México

ID 416 Systematic Literature Review: The Relationship between Lean Six Sigma and Sustainability

Sambudi Hamali, Diza Iwari, Nabilah Anindyia Putri, Management Department, BINUS Business School Undergraduate Program, Bina Nusantara University, Jl. K.H. Syahdan No. 9, Palmerah, Jakarta 11480, Indonesia

ID 408 The Influence of Social Media Marketing Activities on Brand Awareness, Brand Image and Brand Loyalty in Cititrans Travel

Fifi Arif Saputri, Syahputra, Mahendra Fakhri, School of Communication and Business Telkom University, Indonesia

6:00 – 7:45 am, THURSDAY

Operations Management

Room 4

Session Chair: Mustika Sari

ID 285 Regenerating Innovative Behavior in Non-Profit Organization

Maria Grace Herlina
Hardijanto Saroso
Dicky Hida Syahchari

Senior Lecturer, Management Department
BINUS Business School Undergraduate Program
Bina Nusantara University
Jakarta, Indonesia 11480

ID 319 Foreign Direct Investment in Indonesia's Automotive Industry

Moch Faisal Karim
Assistant Professor
Bina Nusantara University
Jakarta, Indonesia

Amirul Tunggal Tarsanto
Centre for Business and Diplomatic Studies (CBDS)
Jakarta, Indonesia

Dian Novikrisna
Assistant Professor
Bina Nusantara University
Jakarta, Indonesia

ID 326 The Influence of Internship and Self-efficacy on Work Readiness among Higher Education Students in Jakarta

Maria Grace Herlina*
Senior Lecturer, Management Department
BINUS Business School Undergraduate Program
Bina Nusantara University
Jakarta, Indonesia 11480

Alicia Maria Hartono
Cicillia Halim
Senior Students, Management Department
BINUS Business School Undergraduate Program
Bina Nusantara University
Jakarta, Indonesia 11480

ID 333 Comparison of Location Decision in Firm Operational for Manufacturing and Non-Manufacturing Industries (Delphi Method): A Systematic Literature Review

Elgar Arsyhan Mafazi; Haryadi Sarjono
BINUS Business School Undergraduate, Management Department
Bina Nusantara University, Jakarta 11480, Indonesia.

ID 334 Implementation of Lean Six Sigma in Textile Industry: A Systematic Literature Review

Suyani Alie; Haryadi Sarjono
BINUS Business School Undergraduate, Management Department
Bina Nusantara University, Jakarta 11480, Indonesia.

ID 335 Implementation of Business Sustainability in Jakarta's Micro Small Medium Enterprises

Alexander Adinata; Fabien Nicholas Sutedja; Haryadi Sarjono
BINUS Business School Undergraduate, Management Department
Bina Nusantara University, Jakarta 11480, Indonesia.

ID 337 An Analysis Approach of The Influence of Customer Reviews and Ratings, Influencer Reviews, and References Group on The Purchase Decision of Frozen Food Products

Maria Grace Herlina*
Senior Lecturer, Management Department
BINUS Business School Undergraduate Program
Bina Nusantara University
Jakarta, Indonesia 11480

Yunita Wijaya Handranata
Azzahra Dwi Rahmawati
Dewi
Senior Lecturers, Senior Student
Business Creation Program, Management Department
BINUS Business School Undergraduate Program
Bina Nusantara University
Jakarta, Indonesia

ID 403 Development of Blockchain-Based Smart Contract and BIM in Construction Project to Overcome Delay or Failure in Payment

Rangga Taruna Atmaja
Department of Civil Engineering
Universitas Indonesia
Depok, Indonesia

Mohammed Ali Berawi

Department of Civil and Environmental Engineering
 Faculty of Engineering
 Universitas Indonesia
 Depok, Indonesia

Mustika Sari
 Center for Sustainable Infrastructure Development
 Faculty of Engineering
 Universitas Indonesia
 Depok, Indonesia

6:00 – 7:45 am, THURSDAY

Operations Management

Room 5

Session Chair: Rosa Patricia Larios-Francia, Universidad de Lima

ID 9 Effort Optimization Model in Warehouse Manual Picking. Case Study: Tusan Distribuidores

Sebastián Tang Yep
 Universidad de Lima

Mateo González Cáceres
 Universidad de Lima

Rosa Patricia Larios-Francia
 Universidad de Lima

ID 84 Location of a Coconut Processing Industry in the Context of the Agri-Food Chain

Gema Gissell Cedeño-Aguirre
 Carrera de Ingeniería Industrial, Universidad Técnica de Manabí

Carlos Alberto Flecha-López
 Carrera de Ingeniería Industrial, Universidad Técnica de Manabí

Ana Julia Acevedo Urquiaga
 Industrial Engineering Program and DlySST Research Group
 San Mateo University Foundation

José Fernando Camacho Vallejo,
 Universidad Autónoma de Nuevo León,

Ricardo José Baquerizo-Crespo,
 Universidad Técnica de Manabí,

Valeria Monserrate Romero Delgado
 MSc student Hungarian University of Agriculture and Life Science
 Budapest, Hungary

Neyfe Sablón Cossío
 Posgraduate Institute and Production and Services Group (ProServ)
 Technical University of Manabí
 Portoviejo, Ecuador

ID 320 Compiterized Relative Allocation of Facilities Techniques (CRAFT) Algorithm Method for Redesign Production Layout (Case Study: PCL Company)

Atika Nabila, Muhammad Isnaini Hadiyul Umam, Suherman, Anwardi, Vera Devani, Nazaruddin, Muhammad Rizki, Universitas Islam Negeri Sultan Syarif Kasim Riau

ID 270 Feed formulation problem in Peruvian aquaculture: A mathematical programming approach

Bocanegra Cordero Pedro Alonso
 Facultad de Ingeniería y Arquitectura
 Carrera de Ingeniería Industrial
 Universidad de Lima
 Lima, Peru

Aliaga Ortiz Rashed Nicole
 Facultad de Ingeniería y Arquitectura
 Carrera de Ingeniería Industrial
 Universidad de Lima
 Lima, Peru

Garcia-Lopez Yvan Jesus
 Facultad de Ingeniería y Arquitectura
 Carrera de Ingeniería Industrial
 Universidad de Lima
 Lima, Peru

Gutierrez Villaverde Eduardo Herberth

Facultad de Ciencias empresariales y económicas
Carrera de Negocios Internacionales
Universidad de Lima
Lima, Peru

ID 366 A Critical Review on Fluid flow Simulation and Analysis of LNG-driven IC Engine

Kiran M.B.
Department of Mechanical Engineering
School of Technology,
Pandit Deendayal Energy University,
Gandhinagar, Gujarat, INDIA

ID 289 Improvement of Occupational Health and Safety (OHS) System Using Systematic Cause Analysis Technique (SCAT) Method In CV. Wira Vulcanized

M. Rizky
Student at Industrial Engineering
Universitas Islam Negeri Sultan Syarif Kasim, Indonesia

Muhammad Nur
Assistant Professor at Industrial Engineering
Universitas Islam Negeri Sultan Syarif Kasim, Indonesia

Muhammad Ihsan Hamdy
Assistant Professor at Industrial Engineering
Universitas Islam Negeri Sultan Syarif Kasim, Indonesia

Anwardi
Assistant Professor at Industrial Engineering
Universitas Islam Negeri Sultan Syarif Kasim, Indonesia

Ismu Kusumanto
Assistant Professor at Industrial Engineering
Universitas Islam Negeri Sultan Syarif Kasim, Indonesia

Muhammad Rizki
Assistant Professor at Industrial Engineering
Universitas Islam Negeri Sultan Syarif Kasim, Indonesia

Nazaruddin
Assistant Professor at Industrial Engineering
Universitas Islam Negeri Sultan Syarif Kasim, Indonesia

ID 110 Impact of Boards Gender Diversity on Firm Profitability: Evidence from Food and Beverages Sector of Indonesia

Triasesiarta Nur
Finance Program, Accounting Department
School of Accounting
Bina Nusantara University
Jakarta, Indonesia

ID 400 Comparison of Location Decision in Firm Operational for Manufacturing and Non-Manufacturing Industries (Delphi Method) : A Systematic Literature Review

Elgar Arsyah Mafazi
BINUS Business School
Bina Nusantara University, Indonesia

Haryadi Sarjono
BINUS Business School
Bina Nusantara University, Indonesia

July 21 (THURSDAY) - Session: 8:00 – 9:45 am

8:00 – 9:45 am, THURSDAY

Plenary IV

Room 1

Session Chair:

8:00 – 8:30 am (Thursday, July 21)

Dr. Haree Ramasawmy, RPEM, CEng MIMechE
Associate Professor
University of Mauritius
Réduit, Moka, Mauritius

8:30 – 9:00 am (Thursday, July 21)

Steven Sibrel
Sr. Supplier Quality Engineer
Harman / Becker
Farmington, Michigan, United States

9:00 – 9:30 am (Thursday, July 21)

Dr. Christopher Harris
Associate Professor of Computer Science
University of Northern Colorado
Greeley, Colorado, United States

9:30 – 10:00 am (Thursday, July 21)

Dr. Sergio Salimbeni, Eng, MBA, PhD
Professor & Researcher – Industrial and Management Engineering – Industry 4.0 – Quality 4.0 – PLM4.0
Universidad del Salvador

8:00 – 9:45 am, THURSDAY
GSCM I
Room 2

Session Chair:

Speaker I - 8:00 - 8:20 am

Samrat Ray
Assistant Professor
Makaut University
Kolkata, West Bengal, India

Speaker II - 8:20 - 8:40 am

Yousuf Al Khamisi
Chief Executive Officer
Business Development and Quality
Muscat, Masqat, Oman

Speaker III - 8:40 - 9:00 am

Dr. Ferdoush Saleheen FCILT

Speaker IV - 9:00 - 9:20 am

Speaker V - 9:20 - 9:40 am

8:00 – 9:45 am, THURSDAY
Business Management
Room 3

Session Chair:

ID 438 Analysis Application of the Capm Method in Determining Investment Decision in Stocks (Case Study on Pharmaceutical and Health Sub-Sector Companies on the Indonesian Stock Exchange)

Nur Amalia Podungge
Faculty of Communication and Business Telkom University
Bandung, Indonesia

Budi Rustandi Kartawinata
Faculty of Communication and Business Telkom University
Bandung, Indonesia

ID 436 Analysis of the influence of work-life balance and work engagement on turnover intention on milenial and generation z in indonesia

Erlina Dwi Ratna Sari, Diena Dwidienawati, Muhammad Gianluca Hafidz Fadhillah
Management Department, BINUS Business School Undergraduate Program, Bina Nusantara University, Jl. K.H. Syahdan No. 9, Palmerah, Jakarta 11480, Indonesia

ID 381 Effect of Ownership Structure, Growth, and Liquidity of a Company on Dividend Policy (Case Study pthere are Insurance Sub-Sector Companies that are registered on the IDX for the 2018-2020 Period)

Ringkin Febbyta Sudjado
Telkom University

Farida Titik Kristanti
Telkom University
Indonesia

ID 412 How Social Media Marketing Consumption, Curation, Creation, And Collaboration Affecting Consumer Buying Interest

Ulfa Yuhanidza Hafsari, Anita Silvianita
School of Communication and Business
Telkom University

Indonesia

ID 407 Insurance Technology (Insurtech) : A Momentum To Restore Public Trust In Insurance During Pandemic

Ninnasi Muttaqin, Reizano Amri Rasyid and Azmil Chusnaini
 Nahdlatul Ulama University, Surabaya
 Surabaya, East Java, Indonesia

ID 405 Investigating the Low Conversion Rate Through User Experience Analysis: A Case of Telecommunication Company Website

Cahya Perbawa Aji
 School of Interdisciplinary Management and Technology
 Institut Teknologi Sepuluh Nopember
 Surabaya, Indonesia

Reny Nadlifatin*
 Department of Information Systems
 Institut Teknologi Sepuluh Nopember
 Surabaya, Indonesia

Satria Fadil Persada
 Entrepreneurship Department, BINUS Business School Undergraduate Program, Bina Nusantara University, Jakarta, Indonesia

Nazaria Jotur Siregar
 Entrepreneurship Department, BINUS Business School Undergraduate Program, Bina Nusantara University, Jakarta, Indonesia

ID 414 Strengthening Innovation Strategy through Intellectual Capital And Technological Strategy

Dicky Hida Syahchari*, Darjat Sudrajat
 Management Department, Binus Business School,
 Bina Nusantara University, Jakarta, Indonesia 11480

Muh Amsal Sahban
 Management Department,
 STIM Lasharan Jaya Makassar
 Indonesia

ID 409 The Effect of Consumer Trust, Attitude and Behavior Toward Consumer Satisfaction in Online Shopping Platform

Nadia Khotrun Nada, Devilia Sari, Mahendra Fakhri
 School of Communication and Business
 Telkom University
 Indonesia

ID 458 The Design of Sustainable Lifestyle Application User Interface Using Design Thinking Approach

Evi Margaretha, Maya Arlini Puspita, Amalia Suzianti
 Department of Industrial Engineering
 Universitas Indonesia
 Depok, Indonesia

8:00 – 9:45 am, THURSDAY**Business Management****Room 4**

Session Chair:

ID 332 A Systematic Literature Review of Total Quality Management in Food and Beverages Industry

Fransisco Xaverio Herman; Haryadi Sarjono
 BINUS Business School Undergraduate, Management Department
 Bina Nusantara University, Jakarta 11480, Indonesia.

ID 176 Women's Clothing Micro-Enterprises: A Qualitative Analysis of Consumer Perception

Franklin Cordova-Buiza
 Research, Innovation and Social Responsibility Department
 Universidad Privada del Norte
 Lima, Peru

Jorge Luis Yopez-Garcia
 Business Faculty, Administration and Marketing
 Universidad Privada del Norte
 Lima, Peru

Lucero Nicole Huerta-Tantalean
 Business Faculty, Administration and Tourism Services
 Universidad Privada del Norte
 Lima, Peru

ID 179 The Effect of Shopee User Interface Attributes on Indonesian Consumer Engagement

Sharita Airina Azzahra
Marketing Communication Program
Communication Department,
Faculty of Digital Communication and Hotel & Tourism
Bina Nusantara University
Jakarta, Indonesia 11480

Amia Luthfia
Marketing Communication Program
Communication Department,
Faculty of Digital Communication and Hotel & Tourism
Bina Nusantara University
Jakarta, Indonesia 11480

ID 187 A Conceptual Model of Web-rooming Intention of Gen Y Consumers to Buy Branded Fashion Products

Saffa Maulaya Az-Zahra
School of Interdisciplinary Management and Technology
Institut Teknologi Sepuluh Nopember
Surabaya, Indonesia

Reny Nadlifatin
Department of Information Systems
Institut Teknologi Sepuluh Nopember
Surabaya, Indonesia

Satria Fadil Persada
Entrepreneurship Department, BINUS Business School Undergraduate Program, Bina Nusantara University, Jakarta, Indonesia

ID 195 Analysis of Webrooming Behavioral Intentions on Smartphone Products in Indonesia: A Case Study of the Millennial Generation

Muhammad Haykal Arsyad
Master's Student
Institut Teknologi Sepuluh Nopember
Surabaya, Indonesia

Reny Nadlifatin
Lecturer
Institut Teknologi Sepuluh Nopember
Surabaya, Indonesia

Satria Fadil Persada
Lecturer
Bina Nusantara University
Jakarta, Indonesia

ID 209 Conceptualizing the role of customer satisfaction in fast food consumers with low awareness of healthy eating

Graciela Esperanza Alegría Rodríguez
Business Department, Management and Marketing Undergraduate Program
Universidad Privada del Norte
Trujillo, Perú

Giannela Nahomy Leyva Rodríguez
Business Department, Management and Marketing Undergraduate Program
Universidad Privada del Norte
Trujillo, Perú

Francisco Jesús Paredes León
Business Department, Professor and Researcher
Universidad Privada del Norte
Trujillo, Perú

ID 204 Commucation of E-Wom, Food Quality, Price Fairness, Perceived Value, Consumer Satisfaction, toward Return Visits of Organic Food Restaurants

Emrus Sihombing
Department of Communication
Faculty of Communcation and Political Science
Universitas Pelita Harapan Karawaci Tangerang and UPH Jakarta, Indonesia

John Tampil Purba
Associate Professor at the Faculty of Economics and Business
Pelita Harapan University, Karawaci Banten, Indonesia.

Sidik Budiono
Associate Professor in Economics
Department of Management at the Faculty of Economics and Business
Pelita Harapan University, Lippo Karawaci Tangerang Banten-Indonesia

ID 411 The Impact of Customer Satisfaction on Customer Behavior in Purchase Intention in Local Brand Product (Urban Traffic Distro)

M. Fikri, Trisha Gilang Saraswati, Mahendra Fakhri
 School of Communication and Business
 Telkom University
 Indonesia

ID 454 Effects of Transformational Leadership and Work Environment toward Organizational Citizenship Behavior on the Employees of Graha Telkomsigma Tangerang

Muhammad Abyan Haidar, Romat Saragih
 School of Communication and Business
 Telkom University
 Indonesia

8:00 – 9:45 am, THURSDAY**Case Studies****Room 5**

Session Chair: Franklin Cordova-Buiza, Universidad Privada del Norte, Lima, Perú

ID 212 Relationship marketing and customer loyalty in personalized arrangement businesses

Franklin Cordova-Buiza
 Research, innovation and social responsibility department
 Universidad Privada del Norte
 Lima, Perú

Esthefany Lizeth Orellana-Treviños, Maria Jose Perez-Iglesias, Angela Gianella Contreras-Carassa, Heber Luis Olavarria-Benavides
 Business faculty
 Universidad Privada del Norte
 Lima, Perú

ID 21 Technologies Applied To Public Administration. A Perspective Of Digital Government At A Global Level

Edwin Bulmaro Bahena Armillas, María del Rocio Soto Flores, Ingrid Yadibel Cuevas Zúñiga
 Business School
 National Polytechnic Institute of Mexico
 Mexico City, Mexico

ID 256 Gender Dynamics in Environmental Literacy of East Java Millennials

Lila Nathania, Siswantini, and Aguirra Fortuna
 Communication Science Department, Faculty of Digital Communication and Hotel & Tourism Bina Nusantara University
 Jakarta, Indonesia

Rosilawati Sultan Mohideen and Ilya Yasnoriza Ilyas
 Faculty of Communication and Media Studies
 Universiti Teknologi MARA
 Cawangan Melaka, Malaysia

ID 261 Infrastructure Development Under the President Jokowi Administration

Tia Mariatul Kibtiah, Sabaria C. Debora
 Lecturer, International Relations Department, Faculty of Humanities
 Bina Nusantara University
 Jakarta, Indonesia 11480

Paulina Kenelak
 College Student, International Relations Department, Faculty of Humanities
 Bina Nusantara University
 Jakarta, Indonesia 11480

ID 322 An Economic Analysis of the Roles of Metal Industries in the National Economy: The Case of Japan

Ubaidillah Zuhdi
 Faculty of Business Economics and Digital Technology
 Universitas Nahdlatul Ulama Surabaya
 Surabaya, East Java, Indonesia

Yohan Kurniawan
 Faculty of Language Studies and Human Development
 Universiti Malaysia Kelantan
 Bachok, Kelantan, Malaysia

Rizqi Putri Nourma Budiarti, Riyan Sisawan Putra, Hidayatul Khusnah, Mohamad Rijal Iskandar Zhulqurnain, and Agung Firmansyah
 Faculty of Business Economics and Digital Technology
 Universitas Nahdlatul Ulama Surabaya
 Surabaya, East Java, Indonesia

ID 402 The Increasing Of Online Local Brand Purchase: Influence And Relationship On Brand Loyalty And Word Of Mouth During The Pandemic

Rizano Amri Rasyid, Azmil Chusnaini
Lecturer
Nahdlatul Ulama Surabaya University
Surabaya, Indonesia

Candraningrat
Dinamika University
Surabaya, Indonesia

ID 388 The Influence of Corporate Governance Mechanism On the Financial Performance of the State-Owned Bank Listed On the Indonesia Stock Exchange (IDX)

Deannes Isynuwardhana, Nadya Prameswari
Faculty of Business and Economics
Telkom University
Dayeuhkolot, 40257, Kabupaten Bandung, Indonesia

ID 451 Research Trends in Sustainable Competitive Advantage Management Over the Last Decade

Andrinof Chaniago, Mohammad Hamsal, Asnan Furinto and Rano Kartono
Doctor of Research Student in Management, Binus Business School, Binus University
Jl. Hang Lekir I No.6, Senayan
Jakarta Pusat, DKI Jakarta, Indonesia

July 21 (THURSDAY) - Session: 10:00 am – 1:00 pm

Keynote Speakers – Room 1

Keynote IX: Thursday, 10:20 – 11:00 am

Marco Carvalho
CEO

Matza Education, São Paulo (SP), Brazil

Keynote X: Thursday, 11:00 – 11:40 am

Prof. Samuel Wiens Bartel
Professor

Universitario para Liderazgo y Desarrollo Personal, Paraguay

Keynote XI: Thursday, 11:40 am – 12:20 pm

Dr. Mario Chauca
Professor

Ricardo Palma University, Santiago de Surco, Peru

Keynote XII: Thursday, July 21, 12:20 – 1:00 pm

Prof. Dr. Marcelo Castier
Dean of the Faculty of Engineering Sciences
UPA – Universidad Paraguayo Alemana
German Paraguayan University
San Lorenzo, Paraguay

Keynote XII: Thursday, July 21, 1:00 – 1:30 pm

Michel Baudin

Owner, Takt Times Group
Co-founder, Grokcity, Inc.
Palo Alto, California
United States

1:30 – 2:00 pm – Lunch Break (Provided)

July 21 (THURSDAY) - Session: 2:00 – 3:45 pm

2:00 – 3:45, THURSDAY

Room 1

Diversity and Inclusion Panel Sponsored by Ford Motor Company

Panel Chair

Professor Donald M. Reimer
President, The Small Business Strategy Group
Detroit, Michigan, USA
Adjunct Faculty – A. Leon Linton Department of Mechanical Engineering
Lawrence Technological University
Southfield, Michigan, USA

Panel Speaker I

Panel Speaker II

Panel Speaker III

2:00 – 3:45, THURSDAY

GSCM II

Room 2

Session Chair:

Speaker I – 2:00 – 2:20 pm

Dr. Mesbahuddin Chowdhury
Senior Lecturer in Operations and Supply Chain Management
University of Canterbury
Canterbury, New Zealand

Speaker II – 2:20 – 2:40 pm

Md Jaman
Supply Chain Planner
Pepsico
Wichita, Kansas, United States

Speaker III – 2:40 – 3:00 pm

Speaker IV – 3:00 – 3:20 pm

Speaker V – 3:20 – 3:40 pm

July 21 (THURSDAY) - Session: 4:00 – 5:45 pm

4:00 – 5:45, THURSDAY

GSCM Panel

Room 1

Panel Chair

Panel Speaker I

Panel Speaker II

Panel Speaker III

4:00 – 5:45, THURSDAY

GBME II

Room 2

Session Chair: Dr. Muhammad Ikhsan Setiawan

Speaker I – 4:00 – 4:20 pm, Thursday, July 21

Prof. Dr. Yigit Kazancoglu
Professor and Dept. Head
Dept. of Logistics Management
Faculty of Business
Yasar University
Bornova, Izmir, Turkey

Speaker II – 4:20 – 4:40 pm, Thursday, July 21

Dr. Hayder Zghair
assistant professor of industrial engineering
College of Physics and Engineering
Southern Arkansas University
USA

Speaker III – 4:40 – 5:00 pm, Thursday, July 21

Dr. Ahm Shamsuzzoha
Tenure Track Professor
School of Technology and Innovations
Digital Economy Research Platform
University of Vaasa
Vaasa, Ostrobothnia, Finland

Speaker IV – 5:00 – 5:20 pm, Thursday, July 21

Dr. Muhammad Ikhsan Setiawan
Vice Rector
Faculty at Faculty of Civil Engineering
Narotama University
Surabaya, Indonesia

Speaker V – 5:20 – 5:40 pm, Thursday, July 21

July 21 (THURSDAY) - Session: 7:00 – 10:00 pm

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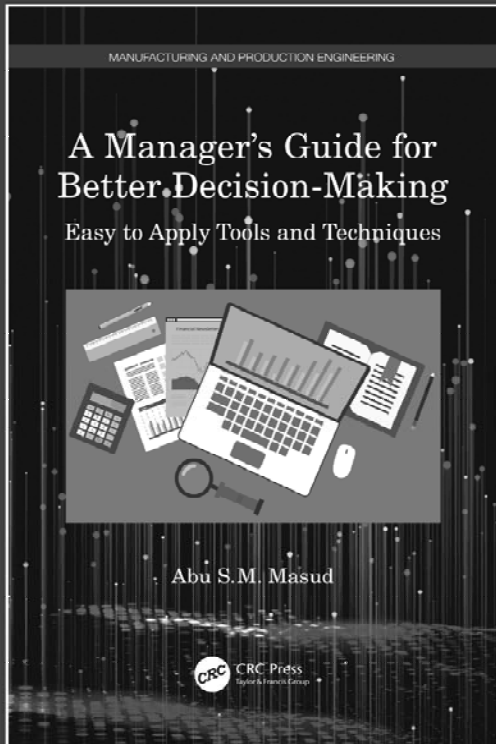
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TABLE OF CONTENTS:

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4. Measurement, Normalization, and Weights
5. Single Criterion Decision Problems
6. Multiple Criteria Decision Problems

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Houston, Texas, USA, June 13-15, 2023
 Host: Texas A&M Engineering Experiment Station
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Bahrain	66. Mahant Bachittar Singh College of Engineering and Technology, Jammu	127. National University of Asuncion
3. University of Bahrain	67. Baba Banda Singh Bahadur Eng College	128. Universidad del Cono Sur de las Américas
Bangladesh	68. Ramaiah University of Applied Sciences	Peru
4. Ahsanullah University of Sci & Tech (AUST)	Indonesia	129. National Univ of San Antonio Abad, Cusco
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8. CUET	72. Institut Teknologi Sepuluh Nopember (ITS)	133. Pontificia Universidad Católica del Perú (PUCP)
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10. DUET, Gazipur	74. Shipbuilding Institute of Polytechnic Surabaya	135. Universidad Continental (UContinental)
11. International Islamic University of Chittagong	75. Tarumanagara University	136. Universidad de Ingeniería y Tecnología (UTECE)
12. IUBAT	76. UIN Sultan Syarif Kasim, Riau	137. Universidad Nacional de Ingeniería (UNI)
13. Islamic University of Technology (IUT)	77. Universitas Diponegoro (Undip)	138. University of San Martin de Porres (USMP)
14. Jessore University of Science and Technology	78. Universitas Gadjah Mada (UGM)	Philippines
15. Khulna University (KU)	79. Universitas Iqra Buru	139. Bulacan State University, Malolos City, Bulacan
16. Khulna University of Eng and Tech (KUET)	80. Universitas Islam Negeri (UIN) Sunan Kalijaga, Yogyakarta	140. LPU Laguna
17. Military Institute of Science and Technology	81. Universitas Islam Negeri Alauddin Makassar	141. Mapua University
18. National Institute of Textile Eng & Res (NITER)	82. Universitas Sebelas Maret (UNS), Surakarta	Qatar
19. Rajshahi University (RU)	83. University of Indonesia	142. Qatar University
20. SUST	84. Universitas Sumatera, Utara Medan	Saudi Arabia
21. University of Chittagong	Iran	143. Alfaisal University
22. World University Bangladesh (WUB)	85. MehrAstan University, Guilan	144. Effat University
Botswana	86. University of Eyvanekey	145. King Abdulaziz University (KAU)
23. University of Botswana	87. Technical and Vocational University (TVU)	146. King Abdulaziz University, Rabigh
Brazil	Iraq	147. King Fahd University of Petroleum and Minerals (KFUPM)
24. Federal University of Sao Carlos (UFScar)	88. Babyon University	148. King Khalid University, Abha
25. Federal University of Santa Catarina (UFSC)	Israel	149. King Saud University (KSU)
26. University of Sao Paulo (USP) – Sao Carlos	89. Sapir Academic College	150. Umm Al-Qura University (UQU)
27. Federal Institute of Sao Paulo, Sorocaba	Italy	151. Princes Nourah University (PNU)
28. FACENS University, Sorocaba	90. University of Bologna	152. Prince Sattam Bin Abdulaziz University
Canada	91. University of Salento	153. Prince Sultan University (PSU)
29. Concordia University	Japan	154. Taibah University
30. Humber Institute of Tech and Adv Learning	92. Ashikaga University	155. University of Tabuk
31. Polytechnic Montreal	Jordan	156. Taibah University
32. University of New Brunswick at Fredericton	93. Hashemite University	157. University of Business and Technology
33. University of Waterloo	Kenya	South Africa
34. University of Windsor	94. Kenyatta University, Nairobi	158. Durban University of Technology (DUT)
Colombia	Libya	159. Tshwane University of Technology (TUT)
35. Fundación Univ. Tecn. Comfenalco, Cartagena, Bolívar	95. Libyan Academy	160. University of Johannesburg (UJ)
36. University of Rosario, Bogota	Malaysia	161. University of South Africa (UNISA)
37. University of Quindio	96. Universiti Malaysia Sabah (UMS)	162. Vaal University of Technology (VUT)
38. Universidad de San Buenaventura, Cali, Valle	97. Universiti Putra Malaysia (UPM)	Sri Lanka
Costa Rica	98. Universiti Teknologi Malaysia (UTM)	163. University of Kelaniya
39. University of Costa Rica	99. Universiti Tun Hussein Onn Malaysia (UTHM)	164. University of Peradeniya
Czech Republic	100. Universiti Utara Malaysia (UUM)	Sudan
40. University of West Bohemia, Pilsen	Mexico	165. Sudan University of Science and Technology, Khartoum
Ecuador	101. Instituto Politécnico Nacional (IPN), Mexico	Thailand
41. Technical University of Ambato	102. Universidad del Caribe, Cancun	166. Chulalongkorn University, Bangkok
Egypt	Morocco	167. Chiang Mai University
42. Zagazig University	103. Akhawayn University	Turkey
Ethiopia	104. Ecole Mohammadia d'Ingénieurs (EMI)	168. Turkish-German University
43. Bahir Dar Institute of Technology	105. Sidi Mohamed Ben Abdellah University of Fez	UAE
Finland	106. N. School of Appl Sci. Kenitra, Ibn Tofail Univ	169. University of Science & Technology of Fujairah
44. University of Vaasa	107. Ecole Supérieure De Technologie, Fez	UK
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45. IESEG School of Management	108. Eduardo Mondlane University	171. University of the West of England, Bristol
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Ghana	109. National Univ. of Sci. and Tech. in Windhoek	172. Central Connecticut State University
47. Technological Education Institute (TEI), Thessaly, Larissa	Nepal	173. Eastern Michigan University
Greece	110. Kathmandu University	174. Lawrence Technological University, Michigan
48. Accra Technical University	111. Tribhuvan University	175. University of the District of Columbia
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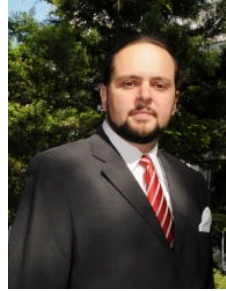
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Hosts: Universiti Teknologi Malaysia (UTM) & Universitas Sebelas Maret (UNS), Indonesia



First Australian Conference on Industrial Engineering and Operations Management
Sydney, Australia, December 20-22, 2022
Venue: Hilton Sydney, NSW, Australia



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Dhaka, Bangladesh, December 26-27, 2022
Venue: Krishibid Institution Bangladesh Complex, Farmgate, Dhaka



13th Annual International Conference on Industrial Engineering and Operations Management
March 7-9, 2023, Manila, Philippines
Venue: Hilton Manila, Host: De La Salle University



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