



IEOM Society

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2018 IEOM Awards – Bandung, Indonesia
March 6-8, 2018 (Hilton Hotel)

IEOM Fellows

1. Dr. Abdul Talib Bon, Universiti Tun Hussein Onn Malaysia
2. Dr. Abdur Rahim, University of New Brunswick at Fredericton, Canada
3. Dr. Abu Masud, Wichita State University, USA
4. Dr. Bernardo Villarreal, Universidad de Monterrey, Mexico
5. Dr. Charles Mbohwa, University of Johannesburg, South Africa
6. Dr. Eui Park, North Carolina A&T State University, USA
7. Dr. Hamid Parsaei, Texas A&M University (College Station) and Texas A&M University Qatar
8. Dr. Ilham Kissani, Al Akhawayn University, Morocco
9. Dr. Umar Al-Turki, King Fahd University of Petroleum and Minerals, Saudi Arabia
10. Mr. Hulas King, SIEMENS PLM, St. Louis Missouri, USA
11. Mr. Masaru Tezuka, Hitachi Solutions East Japan, Ltd., Japan
12. Professor Don Reimer, Lawrence Technological University, Michigan, USA

IEOM Leadership Award

1. Prof. Dr. Ir. Kadarsah Suryadi DEA, Rector, Institut Teknologi Bandung (ITB), Indonesia
2. Dr. Krishnaswami (Hari) Srihari, Executive Vice Provost for International Initiatives and Chief Global Officer, Dean and SUNY Distinguished Professor – Thomas J. Watson School of Engineering and Applied Science, Binghamton University – State University of New York, Binghamton, New York, USA

IEOM Distinguished Educator Awards

1. Professor John Pumwa, Professor and Head of Mechanical Engineering Department, PNG University of Technology, Papua New Guinea, Papua New Guinea
2. Professor Dr Hui-Ming Wee, Distinguished Professor, Department of Industrial and Systems Engineering, Chaplain, Chung Yuan Christian University (CYCU), Taipei, Taiwan
3. Prof. Dr. Noordin bin Mohd. Yusof, Professor, Faculty of Mechanical Engineering, University of Technology, Malaysia, Johor, Malaysia
4. Prof. Abdul Hakim Halim, Manufacturing Systems Research Group. Department of Industrial Engineering. Faculty of Industrial Technology. Institut Teknologi Bandung. Bandung 40132, Indonesia
5. Prof. Matthias Aroef, Initiator of Industrial Engineering Education in Indonesia,
6. Prof. Anang Zaini Gani, Institut Teknologi Bandung (ITB), Indonesia

IEOM Distinguished Industry Awards

1. Ir. Made Dana Tangkas - Director, PT. Toyota Motor Manufacturing Indonesia
2. Edly Ferdin Ramly, Certification Director, EFR Certification, Johor Bahru, Malaysia
3. Dr. Robert de Souza, The Logistics Institute – Asia Pacific (TLI – Asia Pacific), Singapore

IEOM Outstanding Researcher Awards

1. Professor Jose Arturo Garza-Reyes, Ph.D.
Professor of Operations Management
Head of the Centre for Supply Chain Improvement
College of Business, Law and Social Sciences
Derby Management School
University of Derby, United Kingdom (UK)

2. Prof. Dr. Ir. Bermawi P. Iskandar, M.T, M.EngSc
Vice Rector for Academic and Student Affairs
Professor in Reliability and Quality Systems, Manufacturing Systems Research Group, Faculty of Industrial Technology, Institut Teknologi Bandung (ITB), Indonesia
3. Nyoman Pujawan, Ph.D, CSCP
Professor, Department of Industrial Engineering, Sepuluh Nopember Institute of Technology, Kampus ITS Sukolilo, Surabaya 60111, Indonesia
4. S P Sarmah Ph D
Professor
Department of Industrial and Systems Engineering
Indian Institute of Technology Kharagpur
Kharagpur, West Bengal, India

IEOM Woman in Industry and Academia Award

- Cecilia Nembou, Divine Word University, PNG
- Nicke Widyawati - Director of Human Resources, PT. Pertamina, Indonesia
- Dr. Ho Hwi Chie, Dean, Binus Aso School of Engineering, Bina Nusantara University (Binus), Tangerang, Banten, Indonesia

IEOM Teaching Excellence Awards

- Prof. Dradjad Irianto, Manufacturing Systems Research Group, Faculty of Industrial Technology, Institut Teknologi Bandung (ITB), Indonesia
- Dr. Nasr Al Hinai, Mechanical & Industrial Engineering, Sultan Qaboos University, Oman

IEOM Distinguished Service Awards

- Ir. Indrachaya Kusumasubrata, IPU - Board of Industrial Engineering Chapter, Institute of Indonesian Engineers
- Prof. Abdul Hakim Halim – Conference Co-Chair Institut Teknologi Bandung (ITB), Indonesia
- Dr. Wisnu Aribowo – Program Co-Chair
- Dr. Linda Zhang, IESEG – serving conference chair – Paris

IEOM Industry Solutions Awards

- Dr. Ir. Budiman Saleh (PT. PAL) - Director, PT. PAL Indonesia
- Rauf Purnama - President Director, Bureau Nusantara Kawasan Industri, Indonesia
- Dr. Murphy Choy, Director of Operations and Technology, SSON Analytics, Singapore

IEOM Innovation Awards

- Italo Gani - Cofounder and CEO, Adskom, Indonesia
- IGAA Metha Trisnawati, Cofounder Sayurbox, Indonesia
- Stephanie Jesselyn, CEO and Founder Eragano, Indonesia

IEOM Global Engineering Education Awards

- Dr. TMA Ari Samadhi - Indonesia Accreditation Board for Engineering Education, Indonesia
- Dr. Hongyi Sun, Associate Professor, Department of Systems Engineering and Engineering Management, City University of Hong Kong, China
- Dr. Abdelhakim Abdelhadi, Engineering Management Dept. Prince Sultan University, Riyadh, Saudi Arabia
- Prof. S P Mukherjee, Quality Assurance in Engineering Education, India

IEOM Outstanding Service Awards

- Difi Ahmad Johansyah - Bank Indonesia, East Java Region, Indonesia
- Agus Tjahyana W. - Commissioner, PT. Astra Otoparts, Indonesia
- Mesdin Simarmata - Secretary, Indonesian Agency for Creative Economy, Indonesia
- Dr. Mehran Doulat, Senior Research Fellow, Genichi Taguchi Center for Quality and Sustainability, Razak School of Engineering and Advanced Technology, UTM Kuala Lumpur, Malaysia

IEOM Outstanding Faculty Advisor Awards

Dr. Noha Mostafa
Assistant Professor of Industrial Engineering and Management
Zagazig University, Egypt

Dr. Abdulaziz T. Almaktoom
Assistant Professor
College of Business, Operations and Information Management Department
Effat University, Jeddah, Saudi Arabia

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. Ir. Rahmat Nurcahyo
Senior Lecturer
Industrial Engineering Department, Faculty of Engineering
University of Indonesia, Jakarta, Indonesia

IEOM Outstanding Student Awards

- Azizah Yusof, PhD Research Student in Educational Technology, Department of Educational Sciences, Mathematics and Creative Multimedia, Universiti Teknologi Malaysia (UTM), Johor Bahru, Johor, Malaysia
- Caroline Honjane Asaloei, Institut Teknologi Bandung (ITB), Indonesia
- David Yusuf Prabawa, Institut Teknologi Bandung (ITB), Indonesia
- Santosh Gudagunti, LTU, USA
- Pankil Patel, LTU, USA
- Al-Anoud Bandar Al Saud, Effat University, Saudi Arabia
- Husham Elbaloula, SUST, Sudan
- UTHM: Ms Nazaratul Ainaa Jaafar, UI

Outstanding Student Chapter Award

Gold

- Effat
- KAU
- Qatar University
- UI
- UJ
- UTHM
- Zagazig

Silver

- Guru Nanak Dev Engineering College, Ludhiana, Punjab, India
- Government College University Faisalabad, Pakistan
- UNB
- LTU

Bronze

- Sudan University of Science and Technology, Khartoum
- Khulna University, Bangladesh
- Lorraine University, Metz, France
- SQU

Outstanding Professional Chapter Awards

Gold

- Bangladesh
- France

Silver

- Iran

Bronze

- Washington DC

Undergraduate Student Paper Competition Awards Sponsored by SIEMENS

1st Place

Adrián Aguado, Sandra Garza and Johana González, Department of Industrial Engineering, Universidad de Monterrey, Mexico and Jenny Díaz-Ramírez, Department of Industrial Engineering, Universidad de Monterrey, Mexico
“Increasing the productivity of health facilities in urban areas in México”

2nd Place

Alec Steven L. Ardan, Mariel Jorinda G. Garcia, Vanessa G. Tenio and Yoshiki B. Kurata
Dept. of Industrial Engineering, Technological Institute of the Philippines
“Usability Evaluation of an Educational Management System affecting the User – Satisfaction among Tertiary Students in an Undergraduate Engineering Program in the Philippines”

3rd Place

S. Kamalakkannan and Asela K. Kulatunga
Department of Manufacturing & Industrial Engineering, Faculty of Engineering, University of Peradeniya, Sri Lanka
“Life Cycle Assessment of Rice Processing”

Graduate Student Paper Competition Awards sponsored by EATON Corporation

1st Place

Aisha A. Al-Hammadi, Amna A. Albaker, Jawaher A. Al-Fakhroo, Galal M. Abdella and Khalifa N. Al-Khalifa
Mechanical and Industrial Engineering Department, Qatar University, Doha, Qatar
“Optimizing National Resource Usage through the Integration of University Shuttle Service with the Public Rail: The Case Study in Qatar University”

2nd Place

Kenny Ganie and Muhammad A Manan
Department of Petroleum Engineering, Universiti Teknologi Malaysia, UTM Skudai, Johor, Malaysia

Ahmad Kamal Idris
Department of Petroleum Engineering, Universiti Teknologi PETRONAS, Perak, Malaysia
“Formulating Lignin Based Surfactant Using Extracted Lignin from Ultrasound-Assisted Technique for Surfactant Flooding”

3rd Place

Muhamad Fariz Failaka and Ali Elkamel
Department of Chemical Engineering, University of Waterloo, Waterloo, Canada
“Optimization of Urea Solution Tie-in System in the Urea Fertilizer Manufacturing”

Senior Design Project Competition Awards

1st Place

Dana Abbas, Mariam Al-Ajmy, Marwa Ashknani, Fatema Bujaber, Maryam Khajah and Suat Kasap
Industrial Engineering Department, American University of the Middle East- AUM, Egaila, Kuwait
“Developing a Decision Support System for University/ College Selection Problem for Kuwait”

2nd Place

Jaber Al-Jabri, Mazen Al-Abri and Majid Al-oufi
Sultan Qaboos University, Oman
“Coffee Shop Engineering: An Industrial Engineering Perspective”

3rd Place

Aisha A. Al-Hammadi, Amna A. Al-Baker, Jawaher A. Al-Fakhroo, Galal M. Abdella and Khalifa N. Al-Khalifa
Mechanical and Industrial Engineering Department, Qatar University, Doha, Qatar
“Optimizing National Resource Usage through the Integration of University Shuttle Service with the Public Rail: The Case Study in Qatar University”

Doctoral Dissertation Awards

1st Place

Husham A. Elbaloula
Sudan University of Science and Technology, Khartoum, Sudan
“The Effects of Steam Commingled Injection in Heavy Oil Production from FNE and Bamboo Sudanese Fields (Steam Adsorption and Distribution Challenges)”

2nd Place

Bandar A. Alkhayyal
Department of Engineering Management, College of Engineering
Prince Sultan University, Riyadh, Saudi Arabia
“Multi-Criteria Decision-Making Optimization for Reverse Supply Chains”

3rd Place

Khristian Edi Nugroho Soebandrija
Industrial Engineering Department, Faculty of Engineering
Bina Nusantara University, Jakarta, Indonesia
“Trilogy of Service Innovation’s Antecedents: Banking’s Financial and Non-Financial Performance”

Lina Gozali
Tarumanagara University, Indonesia
“Framework towards Successful Factors of Business Incubator for Indonesian Public Universities”

Master Thesis Competition Awards

1st Place

H. L. M. De Silva
Department of Operations Management, Faculty of Management
University of Peradeniya, Sri Lanka
“The Impact of Supplier Development Practices of Retailers and Buyer Supplier Relationship on the Performance of Suppliers in the Clothing Industry in Sri Lanka”

2nd Place

Muhammad Reza Do. Bagus
School of Information Management and Computer Tidore Mandiri, Indonesia
Muhammad Fikri Do. Bagus, Information Engineering Dept. Gunadarma, University, Indonesia
“Analysis Heterogeneous Human Sensory Data from Product Exterior Design Using BRSM”

Best Poster Awards

1st Place

Rosnani Ginting and Juliza Hidayati, Department of Industrial Engineering, University of North Sumatra, Medan, Indonesia
“The Integration of Kano’s Model and Quality Function Deployment: A Case Study for Design of An Alternative Energy Utilization”

2nd Place

Ryan Christopher M. Malicdem, Diana M. Jumadiao, Jevi Jee S. Umbac, Angel Joy J. Quizon, Leonard Jessie P. Repollo, Yoshiki B. Kurata
Department of Industrial Engineering, Technological Institute of the Philippines
“Awetism: A User Ergonomic Learning Management System Intended for Autism Diagnosed Students in the Philippines”

3rd Place

Cátia Lobato Ferreira, Maria Henriqueta Almeida, António Grilo
Departamento de Engenharia Mecânica e Industrial and UNIDEMI, Faculdade de Ciências e Tecnologia, Universidade, Nova de Lisboa, Caparica, Portugal
“Lean IT adoption: Success cases in Portuguese Banks”

Undergraduate Research Competition Awards

1st Place

Alaa Alshammari, Sahar Redha, Shahad Hussain, Tuleen Nazzal, Zahraa Kamal, and Walid Smew
Industrial Engineering Department, American University of the Middle East (AUM), Kuwait
“Quality Improvement in Plastic Injection Molding Industry: Applying Lean Six Sigma to SME in Kuwait”

2nd Place

Angga Pratama Herman, Noor Ilyana Ismail, Muhammad Asnawi Vaea and Muhammad Luqman Hasan
Petroleum Engineering Department, Universiti Teknologi PETRONAS, Malaysia
“The Impact of Sand Particle Size and Velocity on Sand Erosion of Stainless Steel Plate using Sand Blasting Technique”

3rd Place

Noor Ilyana Ismail, Aravin Prakasan, Angga Pratama Herman, M Luqman Hasan, and Nasiman Sapari
Universiti Teknologi PETRONAS, Bandar Seri Iskandar, Perak, Malaysia
“Characterization of Geotextile Material for Downhole Application”

Simulation Competition Awards

1st Place

Afnan Hamadah, Lina Handa, Nourhan Hasan, Samar Qutom, Yasmeen Sheebbeb and Ufuk Kula
Industrial Engineering Department, American University of Middle East, Kuwait
“Simulation of Patient Flow and Healthcare Resources in a Hospital”

Best Track Papers Awards

Business Management

ID 320: Implications of Human Resource Management against Organizational Culture, Work Motivation, Job Satisfaction and Employee Performance at State Own Enterprise Hospitals in Indonesia (Empirical Study on the 5 Biggest Pertamina Hospitals in Indonesia)

Uli Wildan Nuryanto Doctoral Student Postgraduate Program University Mercubuana Jakarta, Indonesia
Asep Saefudin Doctoral Student Postgraduate Program University Mercubuana Jakarta, Indonesia
Prof. Dr. S. Pantja Djati, M.Si, MA Chairman of Postgraduate Program Doctoral Management
University Mercubuana, Jakarta, Indonesia

Case Studies

ID 564: Lean IT adoption: Success cases in Portuguese banks

Cátia Lobato Ferreira
Departamento de Engenharia Mecânica e Industrial
Faculdade de Ciências e Tecnologia, Universidade Nova de Lisboa
Caparica, Portugal

Maria Henriqueta Almeida and António Grilo
Departamento de Engenharia Mecânica e Industrial and UNIDEMI
Faculdade de Ciências e Tecnologia, Universidade Nova de Lisboa
Caparica, Portugal

ID 341: Calibration system for costs reduction: Case study in the maquiladora industry.

Karina Cecilia Arredondo-Soto
Universidad Autónoma de Baja California, Mexico

Maria del Socorro Cruz-Castillo
Tijuana Institute of Technology, Mexico

Teresa Carrillo-Gutiérrez, Maria Marcela Solis-Quinteros and Luis Alfredo Avila Lopez
Universidad Autónoma de Baja California, Mexico

Construction Management

ID 579: Data Acquisition Model for Analyzing Cost Overrun in Construction Projects using KDD

Mai Monir Ghazal and Ahmed Mohamed Hammad
Department of Industrial Engineering and Engineering Management
University of Sharjah, Sharjah, U.A.E

E-Business and E-Commerce

ID 520: Time Table Scheduling for Educational Sector on an EGovernance Platform: A Solution from an Analytics Company

Vimal Kumar
Department of Management Studies
Maulana Azad National Institute of Technology (MANIT) Bhopal- 462003, India

Ankita Malviya
Indian Space Research Organization (ISRO), India

Pratima Verma
Department of Industrial & Management Engineering,
Indian Institute of Technology Kanpur, Kanpur, India

Vignaesh Muthukumaar
Consultant, EXL Services, Bengaluru, India

Sunil Kumar Jauhar
Department of Mechanical Engineering
Maulana Azad National Institute of Technology, MANIT-462003, Bhopal, India

Nagendra Kumar Sharma
Department of Management Studies
Maulana Azad National Institute of Technology (MANIT) Bhopal- 462003, India

Energy

ID 462: The Influence of Nonlinear Loads on Optimal Operation Control of Electrical Distribution System

Agus Ulinuha
Department of Electrical Engineering
Universitas Muhammadiyah Surakarta
Surakarta, Central Java, Indonesia

ID 107: Life cycle impacts for electricity generation from wind source

Md. Mizanur Rahman, Hasan Mohd Faizal, Aminuddin Saat and Mazlan Abdul Wahid
Faculty of Mechanical Engineering
Universiti Teknologi Malaysia

Engineering Education

ID 108: Safe Human-Machine Centered Design of an Assembly Station in a Learning Factory Environment

Rafael Rojas, Erwin Rauch, Patrick Dallasega and Dominik T. Matt
Industrial Automation and Engineering (IEA)
Faculty of Science and Technology
Free University of Bolzano, Italy

Dominik T. Matt
Fraunhofer Italia Research S.C.A.R.L.
Innovation Engineering Center (IEC)
Free University of Bolzano, Italy

Engineering Management

ID 364: Risk Analysis Related to Costing and Scheduling of Construction Projects

Mohamed A. Aderbag
Project Manager, Organization for Development of Administrative Centers (ODAC), Tripoli, Libya

Saber Kh. Elmabrouk
Faculty of Engineering, University of Tripoli, Libya

Mohamed A. Sherif
School of Engineering and Applied Science, Engineering Project Management Department
The Libyan Academy, Tripoli-Libya

ID 115: Empirical analysis of bankrupt companies using linear and nonlinear techniques in Japanese Stock Markets

Masanobu Matsumaru
Department of Industrial Engineering and Management of Faculty of Engineering
Kanagawa University, Kanagawa, Japan

Takaaki Kawanaka
Institute for Innovation in International Engineering Education, Graduate School of Engineering
The University of Tokyo, Tokyo, Japan

Shoichi Kaneko
Faculty of Management Information
Yamanashi Gakuin University, Yamanashi, Japan

Entrepreneurship and Innovation

ID 46: Innovation and Growth in Family-Owned Mexican SMEs

Gonzalo Maldonado-Guzmán
Centro de Ciencias Económicas y Administrativas
Universidad Autónoma de Aguascalientes
Aguascalientes, Ags., México C.P. 20131

Jose Arturo Garza-Reyes
Centre for Supply Chain Improvement
University of Derby, Derby, DE22 1GB, UK

Sandra Yesenia Pinzón-Castro
Centro de Ciencias Económicas y Administrativas
Universidad Autónoma de Aguascalientes, México C.P.

Juan Mejía-Trejo
Centro Universitario de Ciencias Económicas y Administrativas
Universidad de Guadalajara
Zapopan, Jalisco, México C.P. 45100

Vikas Kumar
Bristol Business School
University of the West of England, Bristol, BS16 1QY, UK

Simon Peter Nadeem
Centre for Supply Chain Improvement
University of Derby, Derby, DE22 1GB, UK

Healthcare Systems

ID 17: A system dynamic approach of patient satisfaction in India's leading healthcare

Maria S. Sebastin, School of Business, Amrita Vishwa Vidyapeetham, Bengaluru, Karnataka, India
Mridula Sahay, Amrita School of Business, Amrita Vishwa Vidyapeetham University, Coimbatore, Tamil Nadu, India

ID 615: Minimizing Response Time in Medical Emergency Service: A Literature Review

Muhammad Isnaini Hadiyul Umam, Budi Santosa and Nurhadi Siswanto
Industrial Engineering Department
Institute Technology of Sepuluh Nopember, Surabaya, 60111, Indonesia

Human Factors and Ergonomics

ID 587: Work-Related Musculoskeletal Risk Assessment among Structural Iron Workers in a Steel Company in the Philippines

Pauline Irish D. Jalac, John Paul E. Sison, John Michael Y. Fedilo, Romalyn L. Galingan, Ma. Teodora E. Gutierrez, Yoshiki B. Kurata
Department of Industrial Engineering
Technological Institute of the Philippines, Quezon City, Philippines

Information Technology and Information Systems

ID 608: Challenges of Digital Collaboration in the South African Construction Industry

Oke Ayodeji Emmanuel, Aghimien Douglas Omoregie, Aigbavboa Clinton Ohis & Koloko Nteboheng
Department of Construction Management & Quantity Surveying, University of Johannesburg, South Africa

Inventory Management

Single Vendor-Buyer Integrated Inventory Model for Deteriorating Items Considering Carbon Emission

Yosef Daryanto

Department of Industrial & System Engineering,
Chung Yuan Christian University, Chungli, Taiwan
&

Department of Industrial Engineering,
Universitas Atma Jaya Yogyakarta, Yogyakarta, Indonesia

Hui-Ming Wee

Department of Industrial & System Engineering,
Chung Yuan Christian University, Chungli, Taiwan

Lean and Six Sigma

ID 80: Implementation of Lean Manufacturing System To Eliminate Wastes on The Production Process of Line Assembling Electronic Car Components With WRM And VSM Method

[Case Study In Production Process of Daihatsu SIGRA Type 1.5 L 3NR-Ve, DOHC Dual VVT-i]

Muhammad and Yadrifil

Department of Industrial Engineering (IE UI)
Faculty of Engineering, Industrial Engineering Department

Logistics Management

ID 315: Criteria Affecting the Selection of Logistics Service Provider for Retail Small and Medium Enterprise in Thailand

Chawanluck Suriyajaroen

Graduate Program in Logistics Engineering and Supply chain Management
Department of Industrial Engineering
Chiang Mai University
Chiang Mai, Thailand

Apichat Sopadang

Department of Industrial Engineering
Excellence Center in Logistics and Supply Chain Management
Chiang Mai University
Chiang Mai, Thailand

ID 174: Impact of Order Picking Regions on the Performance of Routing Picking Policies Hala Ahmed, Raafat Elshaer†, and Mahassen Khater

Industrial Engineering Department
Faculty of Engineering, Zagazig University
Zagazig, Egypt

Manufacturing and Design

ID 302: Scaling up Model for Developing Second-Generation (2G) Bioethanol by using Palm Empty Fruit Bunches Feedstock

Sawarni Hasibuan

Industrial Engineering Department
Universitas Mercu Buana, Jakarta, Indonesia

Hermawan Thaheer

Computer Science Department
Universitas Pakuan, Bogor, Indonesia

Rosalendro Eddy Nugroho

Master of Management, Universitas Mercu Buana, Jakarta, Indonesia

Modeling and Simulation

ID 402: Modeling and Simulation of Queuing Systems Using Stochastic Petri net and Arena Software: A Case Study

Husam Kaid and Abdulmajeed Dabwan

College of Engineering, Industrial Engineering Department, King Saud University, Riyadh, Saudi Arabia

Abdulrahman Al-Ahmari

FARCAMT Chair, Advanced Manufacturing Institute, King Saud University, Riyadh, Saudi Arabia

ID 422: Simulation Analysis of Segmented CONWIP: Application to Reentrant Flow Lines

Yassin M. Shaalan, Ingy A. El-Khouly, and Khaled S. El-Kilany

Department of Industrial and Management Engineering

Arab Academy for Science, Technology, and Maritime Transport

Alexandria, Egypt.

Operations Management

ID 295: The effect of Third Parties Fund, Non-Performing Loan, Capital Adequacy Ratio, Loan to Deposit Ratio, Return on Assets, Net Interest Margin and Operating Expenses Operating Income on Lending (Study in Regional Development Banks in Indonesia)

Sugeng Riadi

Program Doktor Manajemen, Pascasarjana Universitas Mercubuana

Universitas Mercubuana, Jakarta, Indonesia

Operations Research

ID 221: A Mathematical Model for Outbound Truck Scheduling with Multiple Trips in Multi-Door Cross Docking System

Nattapong Kamsura and Warisa Wisittipanich

Department of Industrial Engineering

Faculty of Engineering, Chiang Mai University

Chiang Mai 50200, Thailand

Production Planning and Management

ID 87: Influence of Inventory and Work in Process Adjustment Time on Production Target Achievement of D Minus 1 Production Scenario: A Case Study of Hospital Bed Production

Susanto Sudiro

Magister Teknik Mesin, Universitas Pancasila Jakarta

Jl Borobudur No 07 Menteng , Jakarta Pusat 10320,Indonesia

Sha'ri Mohd Yusof

Razak School of Engineering and Advanced Technology

Universiti Teknologi Malaysia Kuala Lumpur

Revino

Post Graduate Program, Institut Sains dan Teknologi Nasional Jakarta

Jalan Duren Tiga Pasarminggu, Jakarta Selatan 12760, Indonesia

Project Management

ID 147: Evaluating Maintenance Policy and Implementation Strategies to improve Building Functional Performance in Government Building: A Case Study in Jakarta, Indonesia

Fahry Adam and Yusuf Latief

Department of Civil Engineering

Universitas Indonesia

ID 141: Early Project-Management Performance and Project Outcomes Correlate

Hong Long Chen, Department of Business and Management, National University of Tainan, Taiwan

Quality Control and Management

ID 604: Defect Control via Forecasting of Processes' Deviation as JIDOKA Methodology

Dr: Ahmed M. Abed (1) and Dr: Adel Abd Elmo'z Ibrahim
Department of Industrial Engineering, Zagazig University, Egypt

Reliability and Maintenance

ID 313: Overall Equipment Effectiveness (OEE) at the Laboratory of Structure Testing

Rahmat Nurcahyo, Faisal, Muhammad Dachyar and Muhammad Habiburrahman
Department of Industrial Engineering,
Faculty of Engineering, University of Indonesia,
New Campus UI, Depok, 16424, Indonesia

Statistics and Optimization

ID 648: Branch and Bound Algorithm for Finding the Maximum Clique Problem

Mochamad Suyudi, Sukono
Department of Mathematics, Faculty of Mathematics and Natural Sciences
Universitas Padjadjaran, Indonesia

Mustafa Mamat
Faculty of Informatics and Computing, Universiti Sultan Zainal Abidin
Tembila Campus, 2200 Besut, Terengganu, Malaysia

Abdul Talib Bon
Department of Production and Operations, University Tun Hussein Onn Malaysia, Johor, Malaysia

Supply Chain Management

ID 144: Supply Chain Coordination with Contracts under Bilateral Asymmetric Information

Yang Liu and Yang Zhang
Department of Industrial Engineering
Tsinghua University, Beijing, USA

ID 479: Supplier selection through Attractive criteria: a Fuzzy Kano based integrated MCDM approach

Naveen Jain
Department of Mechanical Engineering
Shri Shankaracharya Institute of Professional Management and Technology, Raipur, India

Vinay Surendra Yadav; H.K. Narang and A. R. Singh
Department of Mechanical Engineering
National Institute of Technology Raipur, Chhattisgarh, India

Sustainability and Green Systems

ID 661: A GIS-Based Decision Making Approach on the Evaluation of Sustainable Business Location for Purpose-Built Offices in Malaysia

Edie Ezwan Mohd Safian, Heng Jia Yun, Burhaida Burhan, Mohd Lizam Mohd Diah and Mat Tawi Yaacob
Department of Real Estate Management
Faculty of Technology Management and Business
Universiti Tun Hussein Onn Malaysia

Abdul Hadi Nawawi
Department of Estate Management
Faculty of Architecture, Planning and Surveying
Universiti Teknologi MARA, Malaysia

Sustainability in SC

ID 133: Sustainable City Logistics through Shared Resource Concepts

Patrick Dallasega, Thomas Stecher, Erwin Rauch and Dominik T. Matt
Industrial Automation and Engineering (IEA)
Faculty of Science and Technology
Free University of Bolzano
39100 Bolzano, Italy

Dominik T. Matt
Fraunhofer Italia Research s.c.a.r.l.
Innovation Engineering Center (IEC)
Free University of Bolzano
39100 Bolzano, Italy

Sustainable Manufacturing

Using the Delphi method to verify a framework to implement sustainability initiatives

Bruno Gallotta, Jose Arturo Garza-Reyes and Anthony Anosike
Centre for Supply Chain Improvement
University of Derby
Derby, UK, DE22 1GB

Transportation and Traffic

ID 22: Use of improvement heuristics for solving a Vehicle Routing Problem: The case of a Moroccan company

Imane MOUFAD
Laboratory of Energy & Sustainable Development (LPE2D)
Sidi Mohamed Ben Abdellah University - EST,
Road of Imouzzer - BP: 2427 - Fez, Morocco

Fouad JAWAB
LPE2D & Laboratory of International Management Decision techniques and Logistics
Sidi Mohamed Ben Abdellah University - EST,
Road of Imouzzer - BP: 2427 - Fez, Morocco