IEOM Society Awards – 11th Annual Conference, Singapore, March 7-11, 2021

IEOM Awards - 11th Annual Conference Singapore, March 11, 2021

IEOM Fellows
- Dr. Robert de Souza, Executive Director and CEO, The Logistics Institute – Asia Pacific & Senior Fellow, National University of Singapore
- Dr. Ali Elkamel, Professor of Process Systems Engineering, University of Waterloo, Waterlo, Ontario, Canada
- Prof. Abdul Hakim Halim, Professor, Industrial Engineering Department, Institut Teknologi Bandung (ITB), Bandung, Indonesia
- Prof. Dr. Ir. Wahyudi Sutopo, Professor, Department of Industrial Engineering, Engineering Faculty, Surakarta, Indonesia
- Prof. Dr. Ir. T. Yut M. Zagiocel, Professor, Dept. of Industrial Engineering, Engineering Faculty, Universitas Indonesia, Depok, Indonesia

Distinguished Excellency in Academia Award
- Professor Cheong Hee Kiat, President, Singapore University of Social Sciences

IEOM Distinguished Leadership Award
- Mr. Ong Kim Pong, Regional CEO of Southeast Asia, PSA International, and CEO of PSA Singapore

IEOM Distinguished Educator Award
- Dr. Chung Piaw TEO, Provost's Chair Professor, Executive Director, Institute of Operations Research and Analytics (IORA), NUS Business School, National University of Singapore
- Dr. Ruth Banomyong, Professor and Dean, Thammasat Business School, Thammasat University, Thailand
- Dr. Rex Aurelius C. Robielos, Professor and Dean, School of Industrial Engineering and Engineering Management, Mapua University, Intramuros, Manila, Philippines
- Dr. Lu ZHEN, Dean and Professor, School of Management, Shanghai University, Shanghai, China

IEOM Distinguished Industry Award
- Alex Teo, Vice President & Managing Director – South East Asia, Siemens Digital Industries Software, Singapore
- Dr. Victoria Jordan, Vice President – Quality, Emory Healthcare, Atlanta, Georgia, USA
- Dr. Jenson Goh, Chief Information and Learning Officer, Monde Nissin Singapore Pte Ltd., Singapore
- Dr. Koh Niak Wu, CEO and CTO, Cosmigo International, Singapore

IEOM Distinguished Professor Award
- Dr. Nagasawa Shin'ya, Professor, Graduate School of Business and Finance, Waseda University, Tokyo, 1698050, Japan
- Dr. Tae-Eog Lee, Professor, Department of Industrial & Systems Engineering, Korea Advance Institute of Science and Technology- KAIST, South Korea

IEOM Outstanding Professor Award
- Dr. Rajesh Piplani, Associate Professor, School of Mechanical & Aerospace Engineering, Director of M.Sc. in Supply Chain & Logistics, Nanyang Technological University, Singapore
- Dr. Hoong Chuin LAU, Professor of Information Systems and Director of the Fujitsu-SMU Urban Computing and Engineering Corporate Lab, Singapore Management University (SMU), Singapore
- Dr. Mi Sandar Mon, Professor and Head of Mechanical Engineering Department, Yangon Technological University, Yangon, Myanmar
- Dr. Nguyễn Văn Hợp, Dean, School of Industrial engineering and management, International University - Vietnam National University of HCMC, Ho Chi Minh City, Vietnam

Outstanding Achievement Award
- Professor Melvyn Sim, Provost’s Chair Professor and Head of Department of Analytics & Operations, NUS Business School
- Hemlal Bhattarai, Dean, Research and Industrial Linkages (DRIL), Royal University of Bhutan, Jigme Namgyel Engineering College, Dewathang, Samdrup Jongkhar, Bhutan

Outstanding Young Faculty Award
- Dr. Aldy Gunawan, Assistant Professor of Information Systems (Practice), School of Information Systems, Singapore Management University, Singapore
- Associate Professor Joel GOH, Associate Professor, Department of Analytics and Operations, NUS Business School and Associate Director, NUS Global Asia Institute, NUS
- Dr. Kinnaleth Vongchanh, Lecturer/Researcher, Department of Industrial & Mechanical Engineering, Institute of Technology of Cambodia, (ITC), Phnom Penh, Cambodia
### IEOM Outstanding Researcher Award
- Professor Loo Hay LEE, Director of the Centre for Next Generation Logistics (C4NGL) and Director of the Centre for Maritime Studies and Professor in Department of Industrial Systems Engineering & Management, National University of Singapore
- Professor Ek Peng CHEW, Director of the Centre of Excellence in Modeling and Simulation for Next Generation Ports (C4NGP) and Professor in Department of Industrial Systems Engineering & Management, National University of Singapore
- Dr. Vincent F. Yu, Professor, Dept. of Industrial Management, National Taiwan University of Science and Technology, Taipei, Taiwan

### IEOM Diversity and Inclusion Award
- Hajj Flemings, CEO/Founder, Rebrand Cities, Birmingham, Michigan, United States

### Distinguished Woman in Industry and Academia (WIIA) Award
- Ms. Sim Bee Hia, CEO, Food from the Heart, Singapore
- Dr. NG Szu Hui, Associate Professor and Acting Head, Department of Industrial Systems Engineering and Management, National University of Singapore
- Dr. Bertha Maya Sopha, Associate Professor and Former Director of Industrial Engineering, Universitas Gadjah Mada, Indonesia and Chair of Indonesian Association of Industrial Engineering Higher Education Institution (BKSTI)

### IEOM Outstanding Faculty Advisor and Mentor Award
- Dr. S. Viswanathan, Professor of Operations Management, Associate Dean (Research), Nanyang Business School, Nanyang Technological University, Singapore

### Teaching Excellence Award
- Associate Professor Poh Kim Leng, Department of Industrial Systems Engineering and Management, National University of Singapore
- Dr. Daniel Tuladhar, Associate Professor and Head, Department of Mechanical Engineering, Kathmandu University, Nepal
- Dr. Qutubuddin S.M., Associate Professor Industrial & Production Engineering Department P.D.A. College of Engineering Gulbarga, Karnataka, India

### Operations Management Teaching Excellence Award
- Dr. Le Thi Hueyth Anh, Faculty of Project Management, The University of Danang, University of Science and Technology, Vietnam
- Dr. Moe Moe Myint, Associate Professor, Department of Information Technology, Technological University (Mandalay), Myanmar

### IEOM Distinguished Service Award
- Assoc. Prof. Tan Yan Weng, Head of Programme, Logistics and Supply Chain Management, School of Business, Singapore University of Social Sciences, Singapore

### IEOM Outstanding Service Award
- Dr. Sugoutam Ghosh, School of Business, Singapore University of Social Sciences, Singapore
- Dr. Tay Huay Ling, School of Business, Singapore University of Social Sciences, Singapore
- Dr. Aldy Gunawan, Assistant Professor of Information Systems (Practice), Singapore Management University, Singapore
- Dr. Tan Kok Choon, Associate Professor (Practice) & Deputy Head, Dept. of Analytics & Operations, National University of Singapore

### Outstanding Conference Contributor Award
- Professor M Chairul Basrun Umanailo, Head, Centre for Planning and Community Development Studies (PSP2M), Universitas Iqra Buru, Indonesia
- Dr. Jumadil Saputra, Senior Lecturer, Faculty of Business, Economics and Social Development, Universiti Malaysia Terengganu, Kuala Nerus, Terengganu, Malaysia
- Ma. Janice J. Gumasing, School of Industrial Engineering and Engineering Management, Mapua University, Manila, Philippines

### IEOM Industry 4.0 Award
- Associate Professor GOH Puay Guan, Academic Director (MSc Industry 4.0), National University of Singapore

### Innovation and Entrepreneurship Award
- Dr. Murphy Choy, Director of Operations and Technology, SSON Analytics, Singapore
- David Chain, Director, Advent2 Solutions, Singapore

### IEOM Industry Solutions Award
- Mr. Mark Tan, Assistant Director, Lean Transformation and Innovation Center (LTIC), Singapore Institute of Technology, Singapore
- Hirishegan Karuneswaran, Business Analyst, PickMe, Sri Lanka

### Innovative curriculum award
- Dr. Jafri Mohd Rohani, Head of the Industrial Engineering Programme, Department of Materials, Industrial and Manufacturing Engineering, Faculty of Mechanical Engineering, Universiti Teknologi Malaysia, Skudai, Johor, Malaysia
- Dr. Kotomichi Matsuno, Department of Business Design and Management, Graduate School of Creative Science and Engineering, Waseda University, 3-4-1 Okubo, Shinjuku-ku, Tokyo, Japan

### IEOM Global Engineering Education Award
- Dr. Assoc. Prof. Dr. Korakanh PASOMSOUK, Associate Professor, Head of Department Mechanical Engineering and Industrial Engineering, Faculty of Engineering, National University of Laos, Sokpaluang Campus, Laos
- Dr. Tiia Rüütmann, Associate Professor Engineering Pedagogy/Higher Education Pedagogy, Head of Estonian Centre for Engineering Pedagogy, School of Engineering, Tallinn University of Technology TalTech, Tallinn, Estonia
IEOM Society Awards – 11th Annual Conference, Singapore, March 7-11, 2021

IEOM Rising Star Award

• Dr. Lakshman Singh, Sr. Manager (Projects), Hindustan Aeronautics Limited, Avionics Division-Korwa, Amethi-227412, UP, India

IEOM Outstanding Student Award

• Leow Li Jie Darren, Year 3, BSc Supply Chain Management with Minor (full-time)
• Wong Sweet Ling Adeline, Graduate, BSc Logistics and Supply Chain Management (part-time)
• Roshna Ahmed Shipa, Ph.D. Student in Technology Management, UTHM, Malaysia

High School STEM Competition Award

Applied Projects

1st Place
ID 1151 The Plausibility Of Recycling Used Tennis Strings As 3D Printing Filament
Anoushka Ghosh, International Baccalaureate Year 1, United World College South East Asia (Dover), Singapore, 139654, Singapore

2nd Place
ID 1202 Croptimize: A Novel Robot to End Agricultural Yield Inefficiencies through Crop Switching
Pranav Palleti, Shivam Pathak, Ashok Devireddy, Pranav Prabhuram, Sameer Iyengar, Sukhamrit Singh, and Ankit Kapoor, Evergreen Makers, Evergreen Valley High School, San Jose, CA 95148, USA

3rd Place
ID 1141 Park Model using Concentrated-Solar-Power Photovoltaics
Darren Johannes Manua and Eden Steven, SPH Applied Science Academy, Sekolah Pelita Harapan Lippo Village, Tangerang, Banten, Indonesia

Overall

1st Place
ID 807 Analyzing ACL Injury Risk Using 3D-Motion Sensors and Various Statistical Methods
Mason Chen, Stanford OHS, Academy Hall Floor 2 8853 415 Broadway, Redwood City, CA 94063, USA

2nd Place
ID 973 2020 US COVID Stock ROI Multivariate Statistical Modeling during COVID-19 Outbreak
Chi-hong Ho, Junior, Henry M. Gunn High School, Palo Alto, CA, USA
Mason Chen, Sophomore, Stanford University OHS, Redwood City, CA, USA

ID 1128 Analyzing the Open Electricity Market in Singapore using Data Science Approaches
Natasha Alexandra Gunawan and Wong Yew Chong Kester, National Junior College, 37 Hillcrest Rd, Singapore

ID 765 Three-Level Closed-Loop Supply Chain Optimization Considering Self-Healing Packages
Diorelle Oneil C. Gallarza (Senior High School student), Ardvin Kester S. Ongb, Luis Carlos Miguel M. Eborab, Jake Matthew C. Depositarb, and Juian Limson C. Andradab, Young Innovators Research Center, Mapúa University, Manila, Philippines, Intramuros, Manila, Philippines

3rd Place
ID 1145 Biaxial Tensile Test System: Articular Cartilage Properties in Biaxial vs. Uniaxial Tension
Aadi Biswas, 10th Grade, Singapore American School (High), Singapore, 738547, Singapore
Van W. Wong, Albert C. Chen, and Robert L. Sah, Department of Bioengineering, University of California, San Diego, La Jolla, California, USA

ID 1080 Modeling and Analyzing COVID-19 Infection Curves of Different Countries Using Nonparametric Density Regression and Clustering Techniques
Sabin Patel and Mason Chen, Stanford Online High School, Redwood City, CA, 94063, USA

ID 1144 COVID-19 Vaccine Track and Traceability System
Warattra Singkarin, Kwinyarut Pongsangthanakul, Kunyapak Teekakun and Promote Namyang, Satriwithaya School, Bangkok, Thailand

Undergraduate Student Paper Competition Award Sponsored by SIEMENS

1st Place
ID 256 Smart School Routing Problem for the New Normality
Carlos M. Leal-Garza and Carlos Gómez-Acosta, Industrial and Systems Engineering Program, University of Monterrey, San Pedro Garza Sada, N.L., México
Jenny Díaz-Ramírez, Engineering Department, University of Monterrey, San Pedro Garza Sada, N.L. México

2nd Place
ID 1168 Lean Purchasing of MRO Supplies in a Philippine Coal-Fired Power Plant: A Portfolio Thinking Approach
Marvin I. Noroña, Master in Business Administration, Bachelor of Science in Industrial Engineering, University of the Philippines, Philippines
Sarah Jane D. Taleon, Master of Engineering – Industrial Engineering, MAPUA University, Philippines

ID 1301 Association Rule Mining for Driving Behaviors and Road Traffic Accidents in Kuwait
Atheer AlMutairi, Dana AlKandari, Loulwa Shummais, Reem AlAjmi, and Takeshi Toma, Department of Industrial Engineering, American University of the Middle East, P.O.Box: 220 Dasman, 15453 Kuwait
### IEOM Society Awards – 11th Annual Conference, Singapore, March 7-11, 2021

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<thead>
<tr>
<th>Place</th>
<th>ID</th>
<th>Title</th>
<th>Authors</th>
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<tbody>
<tr>
<td>4th</td>
<td>489</td>
<td>Layout of Raw Material Warehouse in PT. Boga Dimsum Indonesia Using Class-Based Storage Method and Promodel Simulation</td>
<td>Evelyn Adisurya, Lina Gozali, Frans Juasuf Daywin, Carla Olyvia Doaly, Industrial Engineering Department, Universitas Tarumanagara, West Jakarta, 11140, Indonesia</td>
</tr>
<tr>
<td>5th</td>
<td>555</td>
<td>Supply Chain Risk Management Strategies in the Face of COVID-19</td>
<td>Jia Yi Woong and Shao Hung Goh, School of Business, Singapore University of Social Sciences, Singapore</td>
</tr>
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**Graduate Student Paper Competition Award** sponsored by EATON Corporation

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<thead>
<tr>
<th>Place</th>
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<th>Authors</th>
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<tbody>
<tr>
<td>1st</td>
<td>1130</td>
<td>Impact of Cultural Behavior on the Bullwhip Effect in the COVID-19 Pandemic</td>
<td>Thais de Castro Moraes, Department of Industrial Systems Engineering and Management, National University of Singapore, Singapore Xue-Ming Yuan, Singapore Institute of Manufacturing Technology, Agency for Science, Technology and Research - A*STAR, Singapore</td>
</tr>
<tr>
<td>2nd</td>
<td>382</td>
<td>Application of Multiple Criteria Decision-making Methods in the Human Resource Recruitment Process</td>
<td>Maela Madel L. Cahigas, Master of Science in Industrial Engineering, Mapúa University, Manila, Philippines Rex Aurelius Robielos, School of Industrial Engineering and Engineering Management, Mapúa University, Manila, Philippines</td>
</tr>
<tr>
<td>3rd</td>
<td>1156</td>
<td>Outsourcing Life Cycle Model for Financial Services in the FinTech Era</td>
<td>Tristan Lim, School of Business Management, Nanyang Polytechnic, Singapore Patrick Thng, School of Information Systems, Singapore Management University, Singapore</td>
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**Senior Design Project Competition Award** Sponsored by Tooling Tech Group

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<tr>
<th>Place</th>
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<tbody>
<tr>
<td>1st</td>
<td>129</td>
<td>Improving Waste Collection &amp; Transportation System at Tadweer</td>
<td>Khadija Alhmoudi, Shamma Al-Ali, Roudha Alattar, and Khalid Alhosani, Department of Industrial and Systems Engineering, Khalifa University, Abu Dhabi, UAE</td>
</tr>
<tr>
<td>2nd</td>
<td>1190</td>
<td>Determination Passenger Satisfaction of a Kuwait Airline Company by Using Multivariate Data Analysis Models</td>
<td>Ayat Dashti, Danah AlAhmad, Eman AlShammeri, Rawan AlAjlan, Zainab AlAmeer, and Recep Kizilaslan, College of Engineering and Technology, American University of Middle East (AUM), Kuwait</td>
</tr>
<tr>
<td>3rd</td>
<td>1156</td>
<td>The Healthcare-Planning Problem with Treatment Team (Physician/Nurse) Consistency</td>
<td>Nasser Khalfan Al-Wahaibi, Abdulaziz Khalfan Al-Mamari, Qabas Salah Al-Rawas and Nasr Al Hinai, Sultan Qaboos University, Oman</td>
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**Doctoral Dissertation Competition Award**

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<th>Place</th>
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<tbody>
<tr>
<td>1st</td>
<td>1184</td>
<td>Shared Capacity Routing Problem for Buy-Onine-Pickup-in-Store Order Fulfillment</td>
<td>Rajendra Baraiya and Rohit Kapoor, Operations Management &amp; Quantitative Techniques Department, Indian Institute of Management, Indore, India Prabandh-Shikhar, Rau-Pithampur Road, Indore, Madhya Pradesh, India</td>
</tr>
<tr>
<td>2nd</td>
<td>1157</td>
<td>Impact of Multiple Marketplaces in Agricultural Supply Chain</td>
<td>Indranil Biswas, Information Systems, Supply Chain &amp; Decision Making area, Neoma Business School, Rouen, France Amit Agrahari, Information Technology &amp; Systems Area, Indian Institute of Management Lucknow, Lucknow, UP - 226013, India Sriparna Ghosh, Economics area, University of Cincinnati, Ohio, Ohio 45221, USA</td>
</tr>
<tr>
<td>3rd</td>
<td>539</td>
<td>Using Latin Hypercube Hammersley Sampling Method for Algorithm Parameter Tuning: A Case for Differential Ant-Stigmergy Algorithm</td>
<td>Yasemin Eryoldaş and Alptekin Durmuşoğlu, Department of Industrial Engineering, Gaziantep University, Turkey</td>
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**Master Thesis Competition Award**

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<th>Authors</th>
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<tbody>
<tr>
<td>1st</td>
<td>375</td>
<td>Ferromagnetic climbing robot for industrial flaw detection: An implementation of computer vision</td>
<td>Peter Oyekola, Department of Mechanical Engineering, Papua New Guinea University of Technology, Papua New Guinea</td>
</tr>
</tbody>
</table>
**2nd Place**
ID 255  Analysis of the Conditions for Quality in Cold Transport Services
Alejandro Lerma Carrillo and Jenny Diaz Ramirez, Engineering Department, University of Monterrey, San Pedro Garza García, N.L., México
Teresa Gajewska, Cracow University of Technology, Division of Logistics System, Krakow, Poland

ID 1226  The Effect of Job Training on Employee Performance with Employee Status as a Moderating Variable
Agung Setyabudi, Forester & Masters Students of Management, Postgraduate Program’s, Universitas Bina Dharma, Palembang, Indonesia,
Muji Gunarto, Management Department of Economics and Business Faculty, Universitas Bina Darma, Palembang, Indonesia
Anis Marjukah, Management Department of Economics Faculty, Widya Darma University, Klaten, Indonesia

**3rd Place**
ID 1117  Hazard Risk Potential Analysis Using the Fuzzy Bow-Tie Method in LPG Tube Filling Factory
M. Fadli Perdana, Bambang Syairudin and Retno Widyaningrum, Department of Industrial Engineering, Institut Teknologi Sepuluh Nopember, Indonesia

ID 1150  Sustainable Supply Chain Management Practices in Malaysian Non-Manufacturing Sectors
Hak Kenn Wong and Mehran Doulatabadi, MBA Center, Xiamen University Malaysia, 43900 Sepang, Selangor, Malaysia

**Undergraduate Research Competition Award**

**1st Place**
ID 487  Improving the Capacity of Espresso Machine Using Reverse Engineering Method and VDI 2221 Method
Claudia Jessica Atmadja, Frans Jusuf Daywin, Lina Gozali, and Carla Olyvia Doaly, Industrial Engineering Department, Tarumanagara University, Jakarta, Indonesia
Agustinus Purna Irawan, Mechanical Engineering Department, Tarumanagara University, Jakarta, Indonesia

**2nd Place**
ID 512  Design of Working Shelf and Design of Layouts on the Working Table with Ergonomic Analysis in Haiso Coffee
Fernando Valentino, Frans Jusuf Daywin, Adianto, Lina Gozali, and Carla Olyvia Doaly, Industrial Engineering Department, Universitas Tarumanagara, West Jakarta 11440 Jakarta, Indonesia
Agustinus Purna Irawan, Universitas Tarumanagara, West Jakarta 11440 Jakarta, Indonesia

**3rd Place**
ID 749  Green Supply Chain Operations Reference (G-SCOR): An Application for Small Garment Manufacturers in the Philippines
Valerie D. Cruz, Josephine D. German, and Mary Elaine G. Fenix, School of Industrial Engineering and Engineering Management, Mapua University, Manila, Philippines

**Honorable Mentioned**
ID 490  Modification of Chocolate Grinder Machine Cone Type Using Reverse Engineering Method and VDI 2221 Method
Jeshua Ekklesia, Frans Jusuf Daywin, Adianto, Lina Gozali, Carla Olyvia Doaly and Agustinus Purna Irawan, Industrial Engineering Department, Universitas Tarumanagara, Jakarta 11440 Indonesia

**Simulation Technical Paper Competition Award**
ID 805  Investigating the Efficiency of Centrifugal Pumps via FEA
Motsi Ephrey Matlakala and Daramy Vandi Von Kalon, Department of Mechanical and Industrial Engineering Technology, University of Johannesburg, Johannesburg, South Africa

**Supply Chain and Logistics Competition Award**

**1st Place**
ID 484  Production Planning and Inventory Control Using Artificial Neural Network Forecasting for Furniture Industry 4.0 Custom Production
Andre Jonathan Christifan and Lina Gozali, Industrial Engineering Department, Universitas Tarumanagara, West Jakarta, 11440, Indonesia

**2nd Place**
ID 1099  Smart Transaction Picking in Tier-to-tier SBS/RS by Deep Q-Learning
Bartu Arslan and Banu Yetkin Ekren, Department of Industrial Engineering, Yasar University, Izmir, Turkey

**3rd Place**
ID 492  Production Planning and Capacity Control with Demand Forecasting Using Artificial Neural Network (Case Study PT. Dynaplast) for Industry 4.0
Lean Six Sigma Competition Award Sponsored by Tooling Tech Group

1st Place
1) ID 481 Redesigning The Facility Layout With Systematic Layout Planning Method and Lean Manufacturing Approach On The Production Floor At PT. Baruna Trayindo Jaya
Dino Ramadhan, Lina Gozali, Frans Jusuf Daywin, and Carla Olyvia Doaly, Industrial Engineering Department, Tarumanagara University, Jakarta, Indonesia

2nd Place
2) ID 619 Application of Lean Six Sigma to Improve The Food Bank Singapore’s Vending Machine Replenishment Process – A Case Study
Julian See, School of Business, Singapore University of Social Sciences, Singapore, Singapore
Huay Ling Tay, School of Business, Singapore University of Social Sciences, Singapore, Singapore

3rd Place
3) ID 485 Application of Lean Six Sigma in PET Bottle Production Line at P.T. Peace Industrial Packaging
Sharin Chandra, Student of Industrial Engineering Department, Universitas Tarumanagara, Jakarta, Indonesia
Lina Gozali, Lecturer of Industrial Engineering Department, Universitas Tarumanagara, Jakarta, Indonesia

COVID-19 Competition Award

1st Place
ID 091 Online Learning Transformation Technology in Higher Education: Challenges & Strategy
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
Aleksander Purba, Civil Engineering Department, Faculty of Engineering, Universitas Lampung-Bandar Lampung 35145, Indonesia

ID 909 Impact of COVID-19 on the U.S. Energy Production
Rawan K. Asfour and Hazem A. Atlam, Master of Energy Engineering Student, College of Engineering, Effat University, Jeddah, Saudi Arabia
Tayeb Brahimi, College of Engineering, Effat University, Jeddah, Saudi Arabia

2nd Place
ID 448 An Agent-based Model of COVID-19 Epidemic to Simulate Spread Effects of Human Behavior Intervention
Retno Widyaningrum, Arief Rahman, and Najmi Fauzia, Department of Industrial and System Engineering, Institut Teknologi Sepuluh Nopember, Surabaya, Indonesia

ID 753 Sentiment Analysis of Indonesian Citizen Compliance Representation in the Covid-19 Pandemic Period
Eneng Tita Tosida, Erniyati, and Krisna, Department of Computer Science, Universitas Pakuan, Indonesia, Jawa Barat, Indonesia
Abdul Talib Bon, Department of Production and Operations, Universiti Tun Hussein Onn Malaysia, 86400 Pant Raja, Johor, Malaysia

3rd Place
Rhea Ann G. Perez, Elvis Dave M. Santos and Maria Louise C. Valenzuela, Industrial Engineering Department, Technological Institute of the Philippines, 363 P. Casal Street, Quiapo, Manila, Philippines
Janina Elyse A. Reyes, Industrial Engineering Department, Technological Institute of the Philippines, 363 P. Casal, Quiapo Metro Manila, Philippines

ID 599 Effect of Mask and Workload on Physiological Responses
Atef Ghaleb, King Saud University, Riyadh, Saudi Arabia

Best Track Papers Awards

To be added