

See the link 29 Jun2021

11th International Conference on Industrial Engineering and Operations Management
IEOM Society
March 7 - 11, 2021, Singapore
A Virtual Conference

Home Authors Program Registration Committee Competitions Keynote Global Engineering Education Industry4.0 GBME Panels Sponsors

Proceedings

Proceedings – 11th Annual Singapore 2021

ISSN: 2169-8767 (U.S. Library of Congress) ISSN: 978-1-7923-6124-1

ID 001 Circular Economy: Exploratory Study of Steel Industry in Thailand

Vicharnon Piyathanavong, School of Manufacturing Systems and Mechanical Engineering (MSME), Sirindhorn International Institute of Technology (SIIT), Thammasat University, 99 Moo 18, Pathayothin, Khlong Luang, Pathum Thani 12120, Thailand

School of Knowledge Science, Japan Advanced Institute of Science and Technology, Japan, 1-1 Asahidai, Nomi, Ishikawa, 923-1292, Japan

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

Van-Nam Huynh, School of Knowledge Science, Japan Advanced Institute of Science and Technology, Japan, Asahidai, Nomi, Ishikawa, Japan

Sun Olapinyakul, School of Manufacturing Systems and Mechanical Engineering (MSME), Sirindhorn International Institute of Technology (SIIT), Thammasat University, 99 Moo 18, Pathayothin, Khlong Luang, Pathum Thani 12120, Thailand

Hotel and Apartment Sdn. Bhd.

Zaliha Zainuddin, Zaleha Mohamad and Jumadil Saputra, Faculty of Business, Economics and Social Development, Universiti Malaysia Terengganu, 21030 Kuala Nerus, Terengganu, Malaysia

Mohd Hanafi Azman Ong, Department of Statistics and Decision Sciences, Faculty of Computer and Mathematical Sciences, Universiti Teknologi MARA Johor, Muar, 85000 Segamat, Johor, Malaysia

Abdul Talib Bon, Department of Production and Operations, Universiti Tun Hussein Onn Malaysia, 86400 Parit Raja, Johor, Malaysia

ID 588 Designing of Automated Controlled Irrigation System for Domestic Application

PB Sob, Department of Mechanical Engineering, Faculty of Engineering and Technology, Vaal University of Technology, Vanderbijlpark 1900, Private Bag 0021, South Africa

ID 589 The Power of Hypothesis Parameters Testing on Geometric Distributions and its Simulation

Budi Pratikno and Evita Luaria Wulandari, Department of Mathematics, Faculty of Mathematics and Natural Sciences, Universitas Jenderal Soedirman, Purwokerto, Indonesia

Abdul Talib Bon, Department of Production and Operations, Universiti Tun Hussein Onn Malaysia, 86400 Parit Raja, Johor, Malaysia

ID 590 Effect of Risk Control as Moderator of Relationship Between Government Support, Training, Digital Marketing, Financial Capital and Performance of SMEs in Indonesia

Dede Ansyari Guci, Faculty of Economy, Universitas Prima Indonesia, Medan, North Sumatera Province, Indonesia

Dede Ansyari Guci, Puspa Liza Ghazali, Salman Lambak and Juliana Arifin, Faculty of Business and Management, Universiti Sultan ZainalAbidin, 21300 KualaNerus, Terengganu, Malaysia

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

ID 591 Estimate the Location of Basaltic Intrusion in Karanglewang Village Jatilawang District Banyumas Regency Central Java Based on the Pseudogravity Anomaly Map

Proceedings near Completion and Preparing for Scopus Indexing - 2021 IEOM Singapore Conference

dari: IEOM 2021 Singapore <noreply@xcdsystem.com>

balas ke: info@ieomsociety.org

kepada: budi.pratikno@unsoed.ac.id

tanggal: 29 Jun 2021 06.26

subjek: Proceedings near Completion and Preparing for Scopus Indexing -
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**Proceedings near Completion and Preparing for Scopus Indexing - 2021 IEOM
Singapore Conference**
<http://ieomsociety.org/singapore2021/proceedings/>

Dear B. Pratikno:

We hope you are doing well. Since we had a large number of submissions at the 11th Annual IEOM Singapore Conference, it took times for IEOM editing team to complete. Most of the papers are added. After uploading all papers, page numbers will be added and send to Scopus. Please could you check carefully about your paper or abstract in the IEOM Singapore proceedings - <http://ieomsociety.org/singapore2021/proceedings/>. If your papers are not added, it would not be in the various indexing including SCOPUS. Please provide your feedback by July 5th if any. IEOM team will update it. Again thanks for your cooperation.

Submission is open for 12th Annual IEOM Istanbul Conference -

<http://ieomsociety.org/istanbul2022/>. You can start preparing your manuscript. You can ask your students and researchers to submit papers.

Thank you so much.

Don and Ahad

On behalf of the organizing committee

**12th IEOM Annual International Conference – Industrial Engineering and Operations
Management**

Istanbul, Turkey, March 8-10, 2022

<http://ieomsociety.org/istanbul2022/>

Host and Venue: Kadir Has University, in collaboration with Sabancı University

Honorary Chair: Prof. Gunduz Ulusoy, Emeritus Professor of Industrial Engineering, Sabanci University, Tuzla, Istanbul, Turkey

Conference Chair: Prof. Zeki Ayag, Professor, Department of Industrial Engineering, Kadir Has University, Istanbul, Turkey

Program Chair: Dr. Kemal Kılıç, Associate Professor of Industrial Engineering, Sabancı University, Tuzla, Istanbul, Turkey

IEOM Society International

21415 Civic Center Dr.

Suite # 217, Southfield, Michigan 48076, USA, Phone: 1-248-450-5660

www.ieomsociety.org

IEOM Student Chapters - <http://ieomsociety.org/ieom/chapters/>

Your Singapore abstract/paper needs editing

Dear B. Pratikno:

Hope you are doing well. The IEOM publication team has started the Singapore-proceedings-publication-procedure. To make it efficient and professional, the team wants your cooperation and patience. Below are the publication team's guidelines for you to update your abstract/paper:

1. Follow the IEOM format ([Attached](#)) diligently (Font, Space, Page Layout, etc.)
2. Paper should be only ONE Column Width
3. All the figures and tables must be mentioned by number in the body of the writeup of your paper (it can not be like, figure below. It should be Figure 1, Figure 2, Table 1, Table 2, etc.).
4. Table and Figure number should be in serial, like Table 1, Table 2 NOT Figure 1.4, Figure 3.4, Table II, Figure IV, etc.
5. Do not add Header nor Footer
6. Do not add Page number
7. Reference should not be numbered (please consult attached IEOM template)
8. Save with ID number only ex. 1, 299, 1002, etc. NOT like paper103, ID 222, Title, etc.
9. Only MS Word file will be accepted. (Absolutely NO pdf file)

Please send your updated file on or before April 12, 2021
to info@ieomsociety.org. Please also include your payment receipt with it.

NOTE 1: IEOM team will not bear any responsibility if your abstract/paper is not published because of your delay.

NOTE 2: This notice is only for those who has paid for their registration. Others, please ignore or you may pay to include your abstract/paper, subject to the acceptability of your submission.

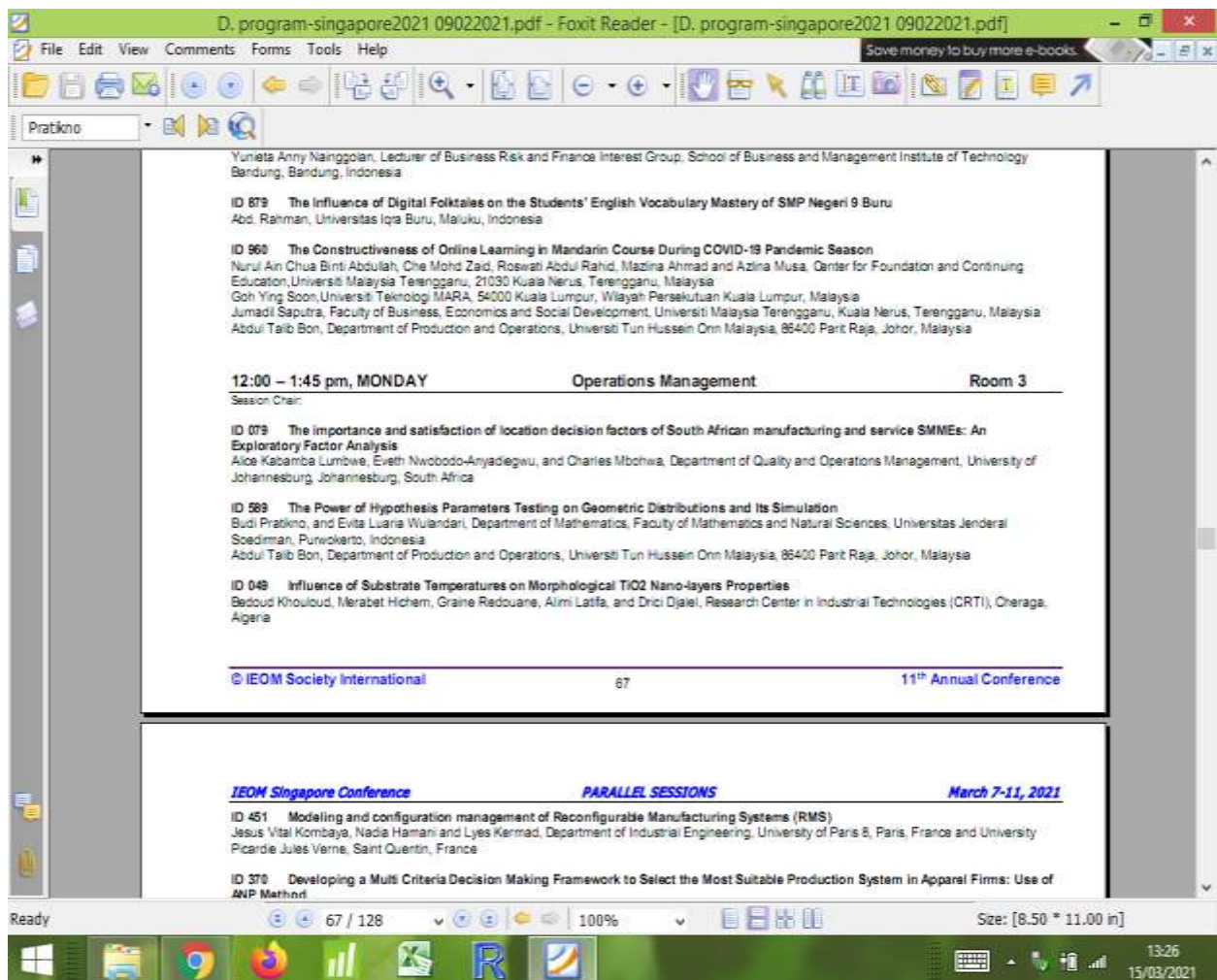
Regards.

Taufiqul Islam, Ph.D.

Operations Manager
IEOM Society International
21415 Civic Center, Suite # 217
Southfield, Michigan, 48076, USA

Phone: 1-248-450-5660

<https://www.ieomsociety.org>
info@ieomsociety.org



Day 5 (Final Day): Keynote, Global Business Management / Supply Chain Education, Awards Ceremony, and more

2021 IEOM Singapore Conference

Dear B. Pratikno:

Thanks for attending the fourth day of the 11th Annual IEOM Singapore Conference. We enjoyed an exceptional keynote presentation by Dr. Victoria Jordan of Emory Healthcare. She focused her remarks on the COVID crisis and implementing the industrial engineering and operations management process.

Also, Dr. Koh Niak Wu's walked through his incredible passion for operations improvements, predictive analytics, and Industry 4.0. Dr. Wahyudi Sutopo provided an excellent keynote on commercializing the innovative product in the technology transfer process and UNS initiatives. Research by Prof. Ruth Banomyong provoked many questions about seamless logistics in ASEAN countries. Dr. Alessandro Romagnoli delivered an outstanding presentation on multi-energy systems.

The Industry Solutions session had great speakers worldwide, including Industry 4.0 panel session and **diversity & inclusion panel session sponsored by Ford Motor Company**. Technical sessions and competitions went well.

Conference full program: <https://www.ieomsociety.org/program-singapore2021.pdf>.

Keynote Zoom Room

Link: <https://us02web.zoom.us/j/87497657183?pwd=eStsc1BadVFDOGFRVDJTOEFcy0FyQT09>

On the fifth day / final day, we will have five keynote speakers and 23 global business management and international supply chain management presentations. Keynote presentation is for 40 min, and business education presentation is for 20 min.

There are seven-time slots for the fifth day starting 8 am, 9:30 am - keynote, 1 pm, 3 pm, 5 pm, and 6:30 pm. There are five parallel zoom rooms for technical sessions. Each session has about 6-7 papers, and each technical presentation will have 15 min. You will be sharing your PowerPoint slide via zoom. The session chair should coordinate sessions to ensure all sessions are on schedule. Zoom hosts will help as needed and manage Zoom hosting to control mute/unmute.

The award ceremony is the final attraction for distinguished leaders, outstanding educators, professors, researchers, practitioners, and exceptional students. Competition winners of the 1st, 2nd, and 3rd places receive their awards at the ceremony. Receive notice of recognition before the awards ceremony. You can bring your family members to celebrate your achievements. Best track papers will be announced after the conference since we have more than 1,200 submissions.

Below is a list of the technical sessions. Based on your presentation schedule and interest, you can join the respective room using the Zoom links given at the end.

Day 5 (Final Day) Program Highlights – March 11, 2021 (Thursday): Rooms 1-5
All activities are on Singapore time. Check using Google for the corresponding local time

8:00 am

- Global Business Management I
- Business Management
- Healthcare Systems
- Project Management
- OM

9:30 am

- IEOM Society Remarks – Professor Don Reimer

9:40 am

- Keynote XII: **Robert de Souza**, Executive Director, The Logistics Institute – Asia Pacific (TLI – Asia Pacific), Singapore

10:20 am

- Keynote XIII: **Jenson Goh**, Chief Information and Learning Officer, Monde Nissin Singapore Pte Ltd., Singapore

11:00 am

- Keynote XIV: **Hoong Chuin LAU**, Professor of Information Systems, Singapore Management University (SMU), Singapore

11:40 am

- Keynote XV: **Murphy Choy**, Director of Operations and Technology, SSON Analytics, Singapore

12:20 am

- Keynote XVI: **Noordin Mohd. Yusof**, Professor, Department of Materials, Manufacturing and Industrial Engineering, UTM, Malaysia

1:00 am

- Global Business Management II
- E-Business/E-Service
- Information Systems
- Logistics and Transportation
- IoT

3:00 am

- Global Business Management III
- Occupational Safety & Health
- Quality Control
- Business Analytics
- Supply Chain

5:00 am

- Global Supply Chain Education IV
- Facilities Planning and Layout
- Business Analytics
- Disruptive Technologies
- Manufacturing

6:30 am

- Global Supply Chain Education V
- Waste Management
- Work Design, Measurement
- Occupational Safety Health
- Environmental Eng.

8:00 – 10:00 pm, Thursday, March 11

- **Conference Awards Ceremony**

Zoom Links (Please do not share with others)

Zoom Room

1: <https://us02web.zoom.us/j/87497657183?pwd=eStsc1BadVFDOGRVDJTOEFCY0FyQT09>

Meeting ID: 874 9765 7183 Passcode: 737881

Zoom Room

2: <https://us02web.zoom.us/j/86767147813?pwd=Z2JRcmNqczBUUU5yMjA1N2VleHRBQT09>

Meeting ID: 867 6714 7813 Passcode: 947578

Zoom Room

3: <https://us02web.zoom.us/j/85800916529?pwd=OStxY09TVUhreVc2RjV6ZGh1WFoyUT09>

Meeting ID: 858 0091 6529 Passcode: 094348

Zoom Room

4: <https://us02web.zoom.us/j/89763478317?pwd=UEYwa2ovQURlZS9TMktyaE1DUS9mQT09>

Meeting ID: 897 6347 8317 Passcode: 306699

Zoom Room

5: <https://us02web.zoom.us/j/89524459648?pwd=QUh6VLZpSDQ3ZDdEc3ZuYzgRXpYZz09>

Meeting ID: 895 2445 9648 Passcode: 179902

During the IEOM Society Singapore Conference, you can share your experiences and zoom screenshots on the IEOM Social Media sites:

- IEOM LinkedIn Group: <https://www.linkedin.com/groups/3760051>
- IEOM Facebook Group: <https://www.facebook.com/groups/223317861021097/>
- IEOM Twitter Page: <https://twitter.com/IEOMsociety>
- IEOM Instagram Page: https://www.instagram.com/ieom_society/

If you would like to receive a certificate, please contact the IEOM Society, Office Manager, Dr. Taufiq, after the conference. The publication team will be contacting you if there is any revision needed before publication and sending it to SCOPUS.

THE 12th IEOM Annual International Conference will be in Istanbul, Turkey, during March 8-10, 2022. The venue is Kadir Has University. Dr. Zeki Ayag, Full Professor, Department of Industrial Engineering, Kadir Has University, Istanbul, Turkey, will serve as a conference chair.

We look forward to the final day of the 2021 IEOM Singapore Conference.

Best regards,

Professor Don Reimer and Dr. Ahad Ali
On behalf of the Organizing Committee
11th IEOM Society Annual Conference in Singapore
<https://ieomsociety.org/singapore2021/>
Email: info@ieomsociety.org

CONFERENCE CHAIRS

- Associate Prof. Tan Yan Weng, Head of Programme, Logistics and Supply Chain Management, School of Business, Singapore University of Social Sciences, Singapore
- Dr. Ahad Ali, Associate Professor and Director of Industrial Engineering Program, Lawrence Technological University, USA

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- Dr. Robert de Souza, Executive Director, The Logistics Institute – the Asia Pacific and Senior Fellow, Department of Industrial Systems Engineering and Management, National University of Singapore

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- Dr. Aldy Gunawan, Assistant Professor of Information Systems (Practice), School of Information Systems, Singapore Management University, Singapore
- Dr. Tan Kok Choon, Associate Professor (Practice) & Deputy Head of Department, Department of Analytics & Operations, NUS Business School, National University of Singapore

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- M. Affan Badar, Professor, Applied Engineering & Technology Management Dept., Indiana State University, Terre Haute, IN, USA
- Sugoutam Ghosh, School of Business, Singapore University of Social Sciences, Singapore
- Tay Huay Ling, School of Business, Singapore University of Social Sciences, Singapore

Keynote Speakers – THURSDAY, March 11: 9:30 am – 1:00 pm

1. Dr. Robert de Souza, Executive Director, The Logistics Institute – Asia Pacific (TLI – Asia Pacific), Singapore
2. Dr. Jenson Goh, Chief Information and Learning Officer, Monde Nissin Singapore Pte Ltd., Singapore
3. 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
4. Dr. Murphy Choy, Director of Operations and Technology, SSON Analytics, Singapore
5. Dr. Noordin Mohd. Yusof, Professor, Department of Materials, Manufacturing and Industrial Engineering, Faculty of Mechanical Engineering, Universiti Teknologi Malaysia (UTM), Skudai, Johor and Former Dean of Faculty of Mechanical Engineering at UTM, Malaysia

Global Business Management Education / Global Supply Chain Management Education Speakers – THURSDAY, March 11 – Room 1

1. Shahram Taj, Chair and Professor of Logistics & Supply Chain Management, Department of Data Science & Business Analytics, Florida Polytechnic University, Lakeland, FL, USA - *Mission, Vision, Learning Outcomes, and Strategic Priorities for Data Science and Busyness Analytics*
2. Le Thi Huynh Anh, Faculty of Project Management, The University of Danang, University of Science and Technology, Vietnam
3. Vincent F. Yu, Department of Industrial Management, National Taiwan University of Science and Technology, Taipei 10607, Taiwan
4. Hsiu-I Ting, Department of Information and Finance Management, National Taipei University of Technology, Taipei 10608, Taiwan

5. Surya Prakash, School of Engineering and Technology, BML Munjal University, (A HERO group initiative), Gurgaon, Haryana, India
6. Aalok Kumar, Assistant Professor, Indian Institute of Management Visakhapatnam, Andhra Pradesh, India
7. Rajendra Baraiya, Research Scholar in Operations Management, Indian Institute of Management, Indore, Madhya Pradesh, India
8. Muhammad Khan, Lecturer in Management Sciences, Timergara Campus, Abdul Wali Khan University, Mardan, KPK, Pakistan
9. Shams Rahman, Professor of Operations and Supply Chain Management, School of Business IT and Logistics, Deputy Head of School, Research and Innovation, RMIT University, Melbourne, Victoria, Australia
10. Shekar Babu, Founding Head, AMRITA School of Business, Bangalore, AMRITA University, Bangalore, India
11. Sagit Kedem-Yemini, Lecturer, Logistics Department, Industrial Engineering and Management, Sapir Academic College, Israel
12. Marwa Abdel Tawab Mahmoud, Tourism Studies Department, Faculty of Tourism & Hotels, Fayoum University, Faiyum, Egypt
13. Sana Malik, Assistant Professor, School of Architecture and Planning, University of Management & Technology, Lahore, Pakistan
14. Nadir Ali Kolachi, Dean, College of Business Administration, University of Fujairah, UAE
15. Professor Paul Jones, Head of Business Department and Professor of Entrepreneurship and Innovation,
16. Swansea University, Bay Campus, Fabian Way, Swansea, SA1 8EN, Wales, UK
17. Rajeev Agrawal, Associate Professor, Mechanical Engineering Department, Associate Dean (Research), Malaviya National Institute of Technology Jaipur, Rajasthan, India
18. Ibrahim CIL, Professor, Department of Industrial Engineering, Sakarya University, Sakarya, Turkey
19. Sujeet Singh, Assistant Professor and Chairperson (Research), Indian Institute of Management Jammu, India
20. Rajesh Kr Singh, Professor (Operations and SCM), Management Development Institute, Gurgaon, Haryana, India
21. Gunjan Soni, Assistant Professor, Malaviya National Institute of Technology Jaipur, Jaipur, Rajasthan, India
22. Atour Taghipour, Professor of Operations & Supply Chain Management, Normandy University, Le Havre, Normandy, France
23. Tarvo Niine, Associated Professor of Supply Chain Management, Tallinn University of Technology, Tallinn, Estonia

11th Annual International Conference on Industrial Engineering and Operations Management, Singapore, March 7-11, 2021 - A Virtual Conference -
<https://ieomsociety.org/singapore2021/>

- Preliminary program - <https://www.ieomsociety.org/program-singapore2021.pdf>
- Committee - <https://ieomsociety.org/singapore2021/committee/>
- Keynote - <https://ieomsociety.org/singapore2021/keynote/>
- IEOM Global Business Management Education - <https://ieomsociety.org/singapore2021/gbme/>
- IEOM Global Engineering Education - <https://ieomsociety.org/singapore2021/global-engineering-education/>
- Industry 4.0 – <https://ieomsociety.org/singapore2021/industry-solutions/>
- Panels - <https://ieomsociety.org/singapore2021/panels/>
- Registration - <https://ieomsociety.org/singapore2021/registration/>

- Authors/Submissions: <https://ieomsociety.org/singapore2021/authors/>

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- Eastern Michigan University, USA
- EMI, Mohammed V University, Rabat, Morocco
- Florida Polytechnic University, USA
- Lawrence Technological University, Michigan, USA
- Mercu Buana University, Jakarta, Indonesia
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- Wayne State University, Detroit, Michigan, USA

ORGANIZATION PARTNERS / AFFILIATES

- Operational Research Society of Singapore (ORSS)
- African Engineering Education Association (AEES)
- BKSTI: Agency for Cooperation of Higher Education of Industrial Engineering, Indonesia
- CATME, Purdue University
- Indian Institute of Industrial Engineering (IIIE)
- International Federation of Engineering Education Societies (IFEES)
- Pakistan Society of Industrial Engineers (PSIE)
- Robofest
- Society of Cost and Quality Engineers (SCQE)

Day 3: Welcome Address and Opening Keynote - 2021 IEOM Singapore Conference

Your Presentation in 30 min: 2021 IEOM Singapore Conference

Your Presentation in 30 min: 2021 IEOM Singapore Conference

Dear Author,

Your presentation session will start in 30 min. Please click the respective zoom room to join. Please join few min earlier so that session chair can talk to you. We look forward to seeing you via zoom.

Thanks

Dr. Ahad Ali

sali@ltu.edu

IEOM Singapore Conference Zoom Rooms (Please do not share the links to others)

Room 1 link <https://us02web.zoom.us/j/87497657183?pwd=eStsc1BadVFD0GFRVDJTOEFCY0FyQT09>

Room 2 link <https://us02web.zoom.us/j/86767147813?pwd=Z2JRcmNqczBUUU5yMjA1N2VleHRBQT09>

Room 3 link <https://us02web.zoom.us/j/85800916529?pwd=OSTxY09TVUhreVc2RjV6ZGh1WFoyUT09>

Room 4 link <https://us02web.zoom.us/j/89763478317?pwd=UEYwa2ovQURlZS9TMktyaE1DUS9mQT09>

Room 5 link <https://us02web.zoom.us/j/89524459648?pwd=QUh6VlZpSDQ3ZDdEc3ZuYzgxRXpYZz09>

11th Annual International Conference on Industrial Engineering and Operations Management, Singapore, March 7-11, 2021

Website: <https://ieomsociety.org/singapore2021/>

- Conference program - <https://www.ieomsociety.org/program-singapore2021.pdf>

All times are Singapore time

Monday, March 8, 2021

	Room 1	Room 2	Room 3	Room 4	Room 5
8:00 – 9:45 am	Graduate Paper Competition	Maintenance & Reliability	Business Management	Supply Chain	Operations
10:00 – 11:45 am	Master Thesis Competition	IoT	Case Studies	Engineering Management	Business Management
12:00 – 1:45 pm	Master Thesis Competition	Case Studies	Operations Management	Case Studies	Education
2:00 – 3:45 pm	Graduate Paper Competition	Supply Chain Panel	Sustainable Manufacturing	Operations Management	Education

4:00 – 5:45 pm	COVID-19 Analytics Competition	AI and Cybersecurity	Transportation and Logistics	Supply Chain	Education
6:00 – 7:45 pm	COVID-19 Analytics Competition	Smart Mobility	Case Studies	Industry 4.0	Education
8:00 – 9:45 pm	COVID-19 Analytics Competition	Healthcare Systems	Operations Management	Machine Learning	Education

Tuesday, March 9, 2021

	Room 1	Room 2	Room 3	Room 4	Room 5
8:00	Global Engineering Education I	Construction Management	AI	Operations Research	Case Studies
9:30	Welcome Keynote: Professor Cheong Hee Kiat , President, Singapore University of Social Sciences				
9:40	Keynote II (Opening Keynote): Dr. Hamid Parsaei , Professor, Dept. of Industrial and Systems Engineering, Texas A&M University, College Station				
10:20	Keynote III: Alex Teo , Vice President & Managing Director – South East Asia, Siemens Digital Industries Software, Singapore				
11:00	Keynote IV: Dr. Chung Piaw TEO , Provost's Chair Professor, Executive Director, IORA, Business School, National University of Singapore				
11:40	Keynote V: Dr. Benny Tjahjono , Professor of Supply Chain Management, Centre for Business in Society, Coventry University, UK				
12:20	Keynote VI: Dr. Lu ZHEN , Dean and Professor, School of Management, Shanghai University, Shanghai, China				
1:00	Global Engineering Education II	Case Studies	Business Management	Lean Six Sigma	Operations Management
3:00	Global Engineering Education III	Energy	Human Factors & Ergonomics	Supply Chain	OM
5:00	Global Engineering Education IV	Supply Chain	Industry 4.0	Automation and Control	IEOM-FlexSim Simulation Competition
7:00	Global Engineering Education V	Higher Education	Supply and Demand	Teaching and Learning	TQM
9:00	Global Engineering Education Panel – Room 1				

Wednesday, March 10, 2021

	Room 1	Room 2	Room 3	Room 4	Room 5
8:00	Industry 4.0 / Industry Solutions I	Sustainability in Supply Chain	Design and Analysis	Supply Chain Management	Case Studies
9:30	Conference Chair Remarks				
9:40	Keynote VII: Dr. Victoria Jordan , Vice President – Quality, Emory Healthcare, Atlanta, Georgia, USA				
10:20	Keynote VIII: Dr. Koh Niak Wu , CEO and CTO, Cosmiqo International, Singapore				
11:00	Keynote IX: Dr. Ir. Wahyudi Sutopo , Professor, Dept. of Industrial Engineering and Vice Dean, Universitas Sebelas Maret, Indonesia				
11:40	Keynote X: Prof. Ruth Banomyong , Dean, Thammasat Business School, Thammasat University, Thailand				
12:20	Keynote XI: Dr. Alessandro Romagnoli , Associate Professor, School of Mechanical and Aerospace Engineering, Nanyang Technological University, Singapore				
1:00	Industry 4.0 / Industry Solutions II	Maintenance and Reliability	Data Analytics	Engineering Management	Technical Session

3:00	Industry 4.0 / Industry Solutions III	Entrepreneurship / Innovation	Decision Sciences	Industrial Management	SCM Competition
5:00	Industry 4.0 Panel	Operations Research	Energy	Business Management	LSS Competition
7:00	Industry Solutions V	Technical Session	Technical Session	Business Analytics	Doctoral Competition
9:00	Diversity and Inclusion Panel Sponsored by Ford Motor Company – Room 1				

Thursday, March 11, 2021

	Room 1	Room 2	Room 3	Room 4	Room 5
8:00	Global Business Management I	Business Management	Healthcare Systems	Project Management	OM
9:30	<i>Conference Chairs Remarks</i>				
9:40	<i>Keynote XII: Dr. Robert de Souza</i> , Executive Director, The Logistics Institute – Asia Pacific (TLI – Asia Pacific), Singapore				
10:20	<i>Keynote XIII: Dr. Jenson Goh</i> , Chief Information and Learning Officer, Monde Nissin Singapore Pte Ltd., Singapore				
11:00	<i>Keynote XIV: Dr. Hoong Chuin LAU</i> , Professor of Information Systems, Singapore Management University (SMU), Singapore				
11:40	<i>Keynote XV: Dr. Murphy Choy</i> , Director of Operations and Technology, SSON Analytics, Singapore				
12:20	<i>Keynote XVI: Dr. Noordin Mohd. Yusof</i> , Professor, Department of Materials, Manufacturing and Industrial Engineering, UTM, Malaysia				
1:00	Global Business Management II	E-Business/E-Service	Information Systems	Logistics and Transportation	IoT
3:00	Global Business Management III	Occupational Safety & Health	Quality Control	Business Analytics	Supply Chain
5:00	Global Supply Chain Education IV	Facilities Planning and Layout	Business Analytics	Disruptive Technologies	Manufacturing
6:30	Global Supply Chain Education V	Waste Management	Work Design, Measurement	Occupational Safety Health	Environmental Eng.
8:00 – 10:00 pm, Thursday, March 11 - Conference Awards Ceremony					

Day 2 - 2021 IEOM Singapore Conference

Dear B. Pratikno:

Thank you for your participation on the first day of our Singapore conference. It was a fantastic day with excellent undergraduate student paper competitions, undergraduate research competitions, senior design project competitions, an outstanding keynote from Dr. Mario Fagnoli, Technical Director of Italian Ministry of Agriculture and the WIIA panel session.

Conference full program: <https://www.ieomsociety.org/program-singapore2021.pdf>.

There are seven-time slots for technical presentations for the second day starting (8 am, 10 am, 12 pm, 2 pm, 4 pm, 6 pm, and 8 pm). There are five parallel zoom rooms. So there will be a total of 35 technical sessions for the second day also. Each session has about 6-7 papers. Each presenter will have 12 min for the

presentation and 3 min for Q&A. You will be sharing your PowerPoint slide via zoom. The session chair should coordinate sessions to ensure all sessions are on schedule. Zoom hosts will help as needed and manage Zoom hosting to control mute/unmute.

Below are a list of the technical sessions. Based on your presentation schedule and interest, you can join the respective room using the Zoom links given at the end.

IEOM Society International

21415 Civic Center Dr., Suite # 217

Southfield, Michigan 48076, USA

Phone: 1-248-450-5660

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Day 1 - 2021 IEOM Singapore Conference (March 7)

IEOM 2021 Singapore Paper / Abstract Received

Dear B.Pratikno

Thank you for submitting your paper / abstract to the 11th Annual International IEOM Conference Singapore to be at Hilton Hotel during March 9-11, 2021.

Your paper / abstract, "The Power of Hypothesis Parameters Testing on Geometric Distributions and Its Simulation", has been assigned ID # 589.

Please reference this ID number in any communications to the organizers.

Regards,

IEOM 2021 Singapore
info@ieomsociety.org

11th Annual International Conference on Industrial Engineering and Operations Management
Singapore, Hilton Hotel, March 9-11, 2021
<http://ieomsociety.org/singapore2021/>

- Committee - <http://ieomsociety.org/singapore2021/committee/>
- Keynote - <http://ieomsociety.org/singapore2021/keynote/>
- IEOM Global Engineering Education - <http://ieomsociety.org/singapore2021/global-engineering-education/>
- IEOM Global Business Management Education - <http://ieomsociety.org/singapore2021/global-business-management-education/>
- Industry 4.0 - <http://ieomsociety.org/singapore2021/industry-solutions/>
- Panels - <http://ieomsociety.org/singapore2021/panels/>

IEOM 2021 Singapore Paper / Abstract Received - Co-Author

Dear Evita Luaria,

You have been added as a co-author for the following paper / abstract for the 11th Annual International IEOM Conference Singapore to be at Hilton Hotel during March 9-11, 2021.

Paper / Abstract ID Number: 589

Title: The Power of Hypothesis Parameters Testing on Geometric Distributions and Its Simulation

Primary Author Name: B. Pratikno

Primary Author Email: budi.pratikno@unsoed.ac.id

As a co-author, you may view this paper / abstract
at <http://www.xcdsystem.com/IEOM/abstract/index.cfm?ID=b2S8sdu>

Your login information is:

Email: evita.wulandari@mhs.unsoed.ac.id

Your password by default is your Email address unless you changed it or created it when creating your own profile.

Regards,

IEOM 2021 Singapore
info@ieomsociety.org

Abstract Acceptance - 11th IEOM Annual Singapore Conference 2021

Dear B.Pratikno:

Congratulations! The conference organizing committee is pleased to announce that your abstract (ID 589: The Power of Hypothesis Parameters Testing on Geometric Distributions and Its Simulation) has been *accepted for presentation and publication* in the 11th Annual International Conference on Industrial Engineering and Operations Management (IEOM) to be held in Singapore on March 7-11, 2021. Full paper is optional. It is encouraged to submit full paper. You can submit full paper by January 30, 2021. All full papers will be peer reviewed and indexed in SCOPUS. During publication, IEOM publication team may ask to revise your submission. You can see review comments here -

<https://www.xcdsystem.com/IEOM/abstract/index.cfm?ID=b2S8sdu>.

Due to the global pandemic, the event will be fully virtual via zoom.

- Committee - <http://ieomsociety.org/singapore2021/committee/>
- Keynote - <http://ieomsociety.org/singapore2021/keynote/>
- IEOM Global Business Management Education - <http://ieomsociety.org/singapore2021/global-business-management-education/>
- IEOM Global Engineering Education - <http://ieomsociety.org/singapore2021/global-engineering-education/>
- Industry 4.0 – <http://ieomsociety.org/singapore2021/industry-solutions/>
- Panels - <http://ieomsociety.org/singapore2021/panels/>
- Registration - <http://ieomsociety.org/singapore2021/registration/>
- Authors/Submissions: <http://ieomsociety.org/singapore2021/authors/>

Please note the following points for the final version preparation:

1. Authors MUST follow the 2021 IEOM Abstract Template - <http://ieomsociety.org/ieom-ieom2021-abstract-guidelines.docx>.
2. The abstract only submission is limited to 500 words.
3. Pages should NOT be numbered.
4. Final version should be in MS Word with conference header, footer and IEOM guidelines.
5. For each author, a short bio around 250 words needs to be included at the end of the abstract.
6. The final version submission deadline is January 30, 2021.
7. At least one author needs to present the abstract.
8. Authors must register to enable the organizing committee to include your abstracts in the conference program and proceedings. Please complete your **registration payment by January 30, 2021**: <https://www.xcdsystem.com/IEOM/attendee/index.cfm?ID=ax32KF2>

If you need a formal acceptance letter, please contact info@ieomsociety.org with your abstract id & title, name, affiliation and address.

The IEOM Society is expecting another exciting event in Singapore. Some events and activities planned include: outstanding keynote speakers, global engineering education, Industry 4.0, industry solutions, student competitions (High School/Middle School STEM, senior design project, undergraduate paper, graduate paper, masters' thesis, doctoral dissertation and simulation), panel sessions, recognition and awards, exhibition, poster displays, student and professional chapter activities. Fellows will be awarded at this conference.

We look forward to seeing you at the 11th Annual IEOM Singapore Conference

Regards,

The Organizing Committee
11th Annual IEOM Singapore Conference
<http://ieomsociety.org/singapore2021/>
info@ieomsociety.org

CONFERENCE CHAIRS

- Assoc. Prof. Tan Yan Weng, Head of Programme, Logistics & Supply Chain Management, School of Business, Singapore University of Social Sciences, Singapore
- Dr. Ahad Ali, Associate Professor and Director of Industrial Engineering Program, Lawrence Technological University, USA

HONORARY CHAIR

- Dr. Robert de Souza, Executive Director, The Logistics Institute – Asia Pacific and Senior Fellow, Department of Industrial Systems Engineering and Management, National University of Singapore

PROGRAM CHAIRS

- Dr. Aldy Gunawan, Assistant Professor of Information Systems (Practice), School of Information Systems, Singapore Management University, Singapore
- Dr. Tan Kok Choon, Associate Professor (Practice) & Deputy Head of Department, Department of Analytics & Operations, NUS Business School, National University of Singapore

Keynote Speakers

1. Hamid R. Parsaei, Ph.D., P.E., Fellow of IISE, ASEE, SME, IEOM, Professor, Department of Industrial and Systems Engineering, Texas A&M University, College Station, Texas, USA
2. Alex Teo, Vice President & Managing Director – South East Asia, Siemens Digital Industries Software, Singapore
3. Chung Piaw TEO, Provost's Chair Professor, Executive Director, Institute of Operations Research and Analytics (IORA), NUS Business School, National University of Singapore
4. Benny Tjahjono, Professor of Supply Chain Management, Sustainable Production & Consumption Research Cluster, Centre for Business in Society, Coventry University, UK

5. Lu ZHEN, Dean and Professor, School of Management, Shanghai University, Shanghai, China
6. Victoria Jordan, Vice President – Quality, Emory Healthcare, Atlanta, Georgia, USA
7. Koh Niak Wu, CEO and CTO, Cosmigo International, Singapore
8. Ir. Wahyudi Sutopo, ST., M.Si, IPM, Professor, Department of Industrial Engineering and Vice Dean for General and Financial Affairs, Faculty of Engineering, 2019-2023, Past Head of Department of Industrial Engineering, Coordinator of Industrial Engineering and Techno-Economy (RITE) Research Group (FY 2016-now), Universitas Sebelas Maret (UNS), Surakarta, Indonesia
9. Prof Ruth Banomyong, Dean, Thammasat Business School, Thammasat University, Thailand
10. Alessandro ROMAGNOLI, Associate Professor, School of Mechanical and Aerospace Engineering, Nanyang Technological University, Singapore
11. Robert de Souza, Executive Director, The Logistics Institute – Asia Pacific (TLI – Asia Pacific), Singapore
12. Jenson Goh, Chief Information and Learning Officer, Monde Nissin Singapore Pte Ltd., Singapore

Confirming Your Zoom Presentation – 11th Annual IEOM Singapore Conference, March 7-11, 2021

Dear B. Pratikno:

The 11th IEOM Society Virtual International Conference in Singapore, March 7-11, is rapidly approaching which is only one month away. The local organizing and planning committee has been busy finalizing the extensive program for this event - <http://www.ieomsociety.org/program-singapore2021.pdf>. They are excited about the opportunity to host this virtual event in Singapore. Dr. Ali and I have been working with our host committee to complete the details of the event.

We are fortunate that this event has generated over 1,000 submissions from authors around the globe. Since this conference will be held virtually on the Zoom platform, it is essential to make sure your presentation's date and time are correct. We will be operating from five Zoom meeting rooms; therefore, you must review the program and note your date and time. Another factor to note is that this virtual conference is global, and as a result, is held in different time zones will impact your presentation.

Authors, please remember a date and time is reserved for you. If, for any reason, you are unable to present, please let us know as soon as possible.

We look forward to your participation in the IEOM Society Singapore Conference.

Your cooperation is much appreciated.

Professor Don Reimer
IEOM Society International
Singapore Organizing Committee

11th Annual International Conference on Industrial Engineering and Operations Management, Singapore, March 7-11, 2021 - A Virtual Conference - <https://ieomsociety.org/singapore2021/>

- Conference program - <https://www.ieomsociety.org/program-singapore2021.pdf>
- Proceedings - <http://ieomsociety.org/singapore2021/proceedings/>
- Committee - <https://ieomsociety.org/singapore2021/committee/>
- Keynote - <https://ieomsociety.org/singapore2021/keynote/>
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- Global Engineering Education - <https://ieomsociety.org/singapore2021/global-engineering-education/>
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- Panels - <https://ieomsociety.org/singapore2021/panels/>
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- Authors/Submissions: <http://ieomsociety.org/singapore2021/authors/>
- Review Site: https://www.xcdsystem.com/IEOM/reviewer/reviewer_home.cfm