



IEOM Society International

May – Happenings

2020 Volume 5, Issue 2

Global Council Meeting

The Global Council was scheduled to meet at the Dubai conference. Since we did not meet in March, the Global Council met on April 16 with a full agenda. The Zoom platform was used and worked very well. Much of the meeting was spent discussing the Coronavirus and its impact on our organization. The scheduled conferences were reviewed and discussed by members of the Global Council. Recommendations were developed on the scheduled events and future conferences. Recommendations of local planning committees in their respective countries were approved.

Frederick Winslow Taylor Award

Dr. Hamid Parsaei discussed the background of the Frederick Winslow Taylor Award. The Global Council was delighted that his company, Integrated Technology Systems, Inc, has agreed to support this special IEOM Society Award. This recognition will be the most prestigious award that the IEOM Society has ever presented. Although other organizations also have a Frederick Winslow Taylor Award, the IEOM award will be unique. This award will recognize the exceptional contributions of individuals in the industrial engineering and operations management profession. The Global Council approved the award and thanked Dr. Parsaei for his continued support.

IEOM Society International 2020 Conferences and Symposiums

IEOM Society 10th Anniversary International Conference, Dubai, U.A.E. Due to the Coronavirus, this event was held using a virtual Zoom format, Dr. Ahad Ali, Dr. Hayder Zghair and Professor Don Reimer coordinated this event from the IEOM Society International office in Southfield, Michigan. The Zoom platform provided an opportunity for most of the participants to present their research over a five-day period. More than 150 PowerPoints were presented. The videos were uploaded to the IEOM Society YouTube site. Papers will be submitted to Scopus for indexing. The feedback received from the participants was positive.

Three new case study competitions were added for the 10th Annual Dubai Conference. Supply Chain Competition was a great success. Seventy-Five submissions for supply chain, 19 submissions for Lean Six Sigma and 27 Submissions for Simulation were received.

The top winners of Lean Six Sigma & Supply Chain competitions of IEOM Dubai 2020 conference have been awarded. They are as follows:

Supply Chain and Logistics Case Study Competition Coordinated by The Centre for Supply Chain Improvement, University of Derby, UK

Supply Chain and Logistics Case Study Phase I Competition Winners

- 1st place - Indra Tangkas Perkasa Sinaga, PPM School of Management, Indonesia
- 2nd place - Andrian W. Supriyanto, Angginta R. Ibrahim and Kartika Nurhayati, Delft University of Technology, Netherlands
- 3rd place - Md. Mamunur Rashid, Sourav Kumar Ghosh and Md. Sadman Sakib Tushan, Bangladesh University of Textiles, Bangladesh
- 4th place - Abdul Malik Bander Al-Harbi and Saleh Khaled Al-Hawwar, King Fahd University of Petroleum & Minerals, Saudi Arabia
- 5th place - Ali Subagyo, Dewi Madasari and Meliana Frantika Sutanto, Shipbuilding Institute of Polytechnic Surabaya, Indonesia
- 6th place - Nur Fitriana A Ratri P Avelia OS, Shipbuilding Institute of Polytechnic Surabaya, Indonesia
- 7th place - Md. Ziaur Rahman, Shahjalal University of Science & Engineering, Sylhet, Bangladesh
- 8th place - Justice Nyarko, Accra Technical University, Ghana
- 9th place - Alifa Prasetyani Fadila, Shipbuilding Institute of Polytechnic Surabaya, Indonesia

Supply Chain and Logistics Case Study Phase II Competition Winners

- 1st place: Andrian W. Supriyanto, Angginta R. Ibrahim and Kartika Nurhayati, Delft University of Technology, Netherlands, Title: Personalised Digital Platform “Amur” to Acquire Potential Consumer of Alam Sutera
- 2nd place: Justice Nyarko, Felix Nubuor and Francis Sallah Accra Technical University, Ghana, Title: Digital Supply Chain Transformation
- 3rd place: Md. Mamunur Rashid, Sourav Kumar Ghosh and Md. Sadman Sakib Tushan, Department of Industrial and Production Engineering, Bangladesh University of Textiles, Dhaka, Bangladesh, Title: Case Study on Digital Supply Chain Transformation (Current Scenario Analysis and Future Aspects of the Apparel Industry in Bangladesh)
- 4th place: Indra Tangkas Perkasa Sinaga, PPM School of Management, Jakarta, Indonesia, Title: Digital Supply Chain for Dairy Industry in Indonesia^{4th} :

Lean Six Sigma Case Study Competition

- 1st Place – Mamun Rashid, Department of Industrial and Production Engineering, Bangladesh University of Textiles, Dhaka, Bangladesh
- 2nd Place - Ricardo Rabang, Racquel Tadina, and Maria Teresa Mendoza, Technological Institute of the Philippines

Simulation Case Study Competition

- 1st Place – Newspaper Industry SCOR Performance Simulation, Iqbal Wahyu Saputra – Universitas Sebelas Maret, Indonesia

Corona Virus and future IEOM Society Conferences

The impact of the Coronavirus and the ensuing world-wide pandemic has been a challenge for your IEOM Society. The administrative team has been in touch with conference organizing committees around the globe regarding the status of the Coronavirus in their respective countries. In addition, we have reached out to members of the Global Council for their thoughts on scheduled conferences. The following paragraphs provide the results of our decisions regarding scheduled conferences:

IEOM Society Sao Paulo Conference

This event was scheduled to be held on April 14-16, 2020. This conference has been rescheduled for April 6-8, 2021 at Maksoud Plaza Hotel. The decision to postpone this event was recommended by the local planning committee and our Global Council. Additional details on this event will be available on the IEOM Society website - <http://www.ieomsociety.org/brazil2020/>

IEOM Society Peru Symposium

The IEOM Society Peru Symposium is postponed. New dates and time will be announced based on the local committee feedback.

IEOM Society Rome Conference

This event was scheduled for July 27-29, 2020. This conference has been rescheduled for the same period next year. The Coronavirus has caused the local planning committee and your Global Council to postpone this event. More details will be available on the IEOM Society website - <http://ieomsociety.org/rome2020/>.

IEOM Society Monterrey Conference

This event was scheduled for late September and early October of this year. This event has also been postponed to November 3-5, 2021. The local planning committee at the University of Monterrey provided this recommendation and your Global Council has approved this action. More details will be available on the IEOM Society website - <http://ieomsociety.org/monterrey2020/>.

IEOM Society Webinars - <http://ieomsociety.org/ieom/webinar/>

Your IEOM Society has been engaged in scheduling a series of webinars that will be delivered by speakers from around the globe. Each speaker has outstanding credentials with extensive experience in their respective field of expertise. The Zoom platform will be used to deliver each webinar. The following webinars have been provided to date and/or are in the planning process:

- Nickolas Dahlstrom, Ph.D. Human Factors Manager, Emirates Airlines, Dubai, UAE April 28, 2020
- Oliver Elbracht, Ph.D., Vice President Siemens / Managing Partner Siemens Consulting Middle East Dubai, United Arab Emirates, May 13, 2020, 5:00 PM Dubai time.
- Next Webinar Speaker: Dr. Rubén Elvira Herranz, Services Program Manager, Airbus Defence and Space, Military Aircraft, Madrid, Spain. Date and time will be available soon.

Stay tuned as we are planning many more exciting webinars that will be available.

Geometric Dimensioning & Tolerancing (GD&T) Workshop

Organized by IEOM Society International

April 13-14, 2020, 7:00 AM - 11:00 AM (USA Eastern Standard Time)

Virtual through Zoom

SPEAKER

John-Paul Belanger

President of Geometric Learning Systems

Rochester Hills, Michigan

Moving forward with the IEOM Society Hybrid and Virtual events**Hybrid and Virtual Conferences in 2020**

Since all remaining on-ground conferences for this year have been moved to next year, two virtual conferences have been added for this year - Detroit, USA and Harare, Zimbabwe.

Depending on the status of the Coronavirus, both events will have the option of being delivered on-ground or virtual. There is also a hybrid option available.

- IEOM Society 5th North American Conference, Detroit, Michigan August 9-11, 2020, <http://ieomsociety.org/detroit2020/>
- IEOM Society 2nd African Conference, Harare, Zimbabwe, University of Zimbabwe, October 20-22, 2020, <http://www.ieomsociety.org/harare2020/>

11th IEOM Annual International Conference

Singapore, March 9-11, 2021

www.ieomsociety.org/singapore2021/

The IEOM Society is planning the 11th annual conference in Singapore. Hopefully, the Coronavirus situation will be resolved by that time which would enable us to have a full scale on-ground conference. If necessary, there could be some virtual presentation opportunities. Of course, this will depend on the situation at that time.

IEOM Lean Six Sigma Global Competition: COVID-19 Pandemic.

No Registration Fee. A special proceeding will be published.

<http://ieomsociety.org/ieom/covid-19/>

The case study must illustrate Lean Six Sigma concepts that review the current Covid-19 pandemic. The goal is to develop a statistical analysis of global conditions to determine if differences exist between countries. In addition, a model curve should be created to determine the time frame to “Flatten the Curve” for a particular country or region. This case study will allow participating students to gain an awareness and knowledge of the impact of the pandemic. It will also demonstrate the application of DMAIC strategy to resolve complex processes.

Contributions to Support the COVID-19 Front-Line Workers

As a participant, the IEOM Society encourages you to support the front-line workers in our local hospitals who are engaged in fighting the COVID-19 pandemic. Unfortunately, the number of patients has continued to increase in our hospitals. Our doctors and nurses are endeavoring to meet the challenge that the Coronavirus has presented to their patients. The IEOM Society would like to purchase pizza from local restaurants for our hospital workers. If our fundraising is significant, we could also purchase medical supplies as well. The IEOM Society is also encouraging the support of front line workers in your local hospitals and medical centers.

Competition Chairs/Coordinators

- Dr. Saso Krstovski, Adjunct Professor, Lawrence Technology University (skrstovsk@ltu.edu)
- Dr. Hayder Zghair, Adjunct Professor, Lawrence Technology University (hzghair@ltu.edu)

Student and Professional Chapters

What is happening in your chapter? Let us know and we will let others know in the IEOM Society community. Your chapter can share your story on: info@ieomsociety.org. If your university does not have an IEOM Society Student Chapter or an IEOM Professional chapter in your city, region or country, it's easy to complete the process on this link: <http://ieomsociety.org/ieom/chapters/>.

New Student Chapters

Universitas Iqra Buru, Indonesia

Faculty Advisor: Iskandar Hamid, SP., M.Si and M Chairul Basrun Umanailo, M.Si, Universitas Iqra Buru, Indonesia Student

Chapter Officers

- President: Jainal Samuel
- Secretary: Atika Faradila
- Treasurer: Indah F Nurlette

Papua New Guinea University of Technology, Papua New Guinea, Faculty Advisor
Dr.Kamalakanta Muduli, Chapter President: Simakin Gideon

IEOM Lean Six Sigma Global Competition - COVID-19 Pandemic - <http://ieomsociety.org/ieom/covid-19/>

On April 8, 2020 the IEOM Society announced the creation of a Six Sigma Competition for COVID 19. The submission deadline for the competition is May 22, 2020. The IEOM Society was pleased that 180 applicants petitioned to participate in the competition.

IEOM Student Chapter Activities - <https://www.youtube.com/c/IEOMSocietyInternational> following chapter activities are added in the IEOM YouTube Channel

- SUST Student Chapter; Sudan, has participated in celebration of World Engineering Day as organizer and exhibitor
- IEOM Student Chapter at Department of Industrial Engineering, Universitas Diponegoro (Undip), Semarang, Indonesia
- IEOM University of Johannesburg Student Chapter
- IEOM Khulna University Student Chapter
- IEOM SAMPOERNA UNIVERSITY Student Chapter
- IEOM Bangladesh Chapter
- IEOM Student Chapter at Industrial and Production Engineering Department, P.D.A. College of Engineering, Gulbarga, Karnataka, India

IEOM YouTube Channel - <https://www.youtube.com/c/IEOMSocietyInternational>

The IEOM Team would like to thank you for your subscription to the IEOM YouTube Channel. As a result of your subscription, YouTube has provided the opportunity for a brand-name URL for the IEOM Society International. Chapter activities and Dubai 2020 conference recorded presentations have been added to the IEOM YouTube Channel.

University Partners

The IEOM Society International continues to actively seek universities to join our organization as a partner. If your university is not an IEOM Society University Partner, please consider doing so. The annual University Partner membership is \$1,000. As a member, your university logo will appear in all IEOM Society conferences programs including our annual, African, European, North American Asian, South American conferences. Other benefits of University Partners can be found on the IEOM Society website: <http://ieomsociety.org/ieom/university-members/>.

International Journal of Industrial Engineering & Operations Management (IJIEOM) –
<http://www.ieomsociety.org/journals/issues/>

The 2nd issue of the IJIEOM has been published and is available online. **DOI has been added for the journal papers.** The IEOM Society would like to express our deep appreciation to the Editor of IJIEOM, Jose Arturo Garza-Reyes, Professor of Operations Management and Head of the Centre

for Supply Chain Improvement at the College of Business, Law and Social Sciences, University of Derby, UK, the Editorial Review Board and to the authors who have submitted their research papers to the IJIEOM for publication

Fellows Recognition 2020

The 3rd installation of The IEOM Society Fellows was scheduled for the Dubai conference. Unfortunately, due to the Coronavirus, this event was not held. This recognition is bestowed upon IEOM Society members who have demonstrated their dedication to the mission of the organization over the past five years. These members have been recognized as Fellows and will be installed at a later date:

- **Abdelaziz Berrado**, Professor and Chair, Industrial Engineering Department, EMI, Rabat, Morocco
- **Ahad Ali**, Associate Professor and Director of Industrial Engineering, Lawrence Technological University, Michigan, USA
- **Hesham Al Fares**, Professor and Chair, Systems Engineering, KFUPM, Saudi Arabia
- **Jiri Tupa**, Vice Dean for Faculty Development, Faculty of Electrical Engineering, University of West Bohemia, Pilsen, Czech Republic
- **Leslie Monplaisir**, Professor and Chair, Department of Industrial and Systems Engineering, Wayne State University, Detroit, USA
- **Mohammed Khadem**, Associate Professor, Mechanical and Industrial Engineering Department, Sultan Qaboos University, Muscat, Oman
- **Vikas Kumar**, Professor and Director of Research and Professor of Operations and Supply Chain Management, Faculty of Business and Law (FBL), University of the West of England, UK
- **Made Dana Tangkas**, Plant Manager, Toyota plant, Indonesia
- **Steve Sibrel**, Senior Quality Manager at Harman Becker, Novi, MI, USA

Awards and Best Track Papers - <http://ieomsociety.org/ieom/awards/>

- Dubai awards can be found here - <http://www.ieomsociety.org/awards-dubai2020.pdf>

IEOM Bangladesh Chapter

Three webinars have been organized and/or held:

- Webinar on Industrial Revolution 4.0: Bangladesh - Preparation, Policy & Prospect by Dr. Mohammad Iqbal, Professor, Department of Industrial and Production Engineering, Shahjalal University of Science and Technology, Sylhet, Bangladesh: May 5, 2020 12:05 PM, Tuesday, Dhaka Time
- Webinar on Occupational Health & Safety (OHS) and Productivity Improvement in RMG Industries – A Lesson Learned for Sustainable Development by Dr. Mohammad Sarwar Morshed, Professor of Industrial and Production Engineering, Department of Mechanical and Production Engineering, Ahsanullah University of Science and Technology (AUST), Dhaka, Bangladesh: May 9, 2020 12:05 PM Saturday, Dhaka Time

- Webinar on Optimization Technique for Modeling and Efficient Management of Infectious Diseases Transmission in Healthcare Systems by Dr. Md. Haider Ali Biswas, Professor, Mathematics Discipline, Science Engineering and Technology School, Khulna University, Khulna-9208, Bangladesh: Time: May 12, 2020 12:05 PM Tuesday, Dhaka

Third International Conference on Industrial and Mechanical Engineering and Operations Management (IMEOM), Dhaka, Bangladesh, December 26-27, 2020

Venue: Krishibid Institution Bangladesh (KIB), Khamarbari, Farmgate:
<http://ieomsociety.org/ieom/imeom2020/>

Proceedings Papers Published

- IMEOM 2019 Proceedings - <http://ieomsociety.org/ieom/dhaka2019-proceedings/>
- IMEOM 2017 Proceedings - <http://ieomsociety.org/ieom/dhaka2017-proceedings/> **ISSN of IMEOM Proceedings** has been approved by Library of Congress, Washington, DC, USA

Proceedings (International Conference on Industrial & Mechanical Engineering and Operations Management. Online)
ISSN 2691-7726

Proceedings (International Conference on Industrial & Mechanical Engineering and Operations Management. Print)
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