



# The Fourth North American IEOM Toronto Conference

October 23-25, 2019, Toronto, Canada

Venue: Holiday Inn Toronto International Airport

[www.ieomsociety.org/toronto2019/](http://www.ieomsociety.org/toronto2019/)

Theme - “Industrial Engineering and Operations Management for Industry 4.0”

The IEOM Society is organizing the Fourth North American International Conference on Industrial Engineering and Operations Management (IEOM Toronto) during October 23 – 25, 2019. The conference provides a forum for academics, researchers and practitioners to exchange ideas and recent developments in the field of industrial engineering, systems engineering, service engineering, manufacturing engineering, quality and reliability reengineering, operations research, engineering management, operations management and operations excellence. The event will advance theory and practice by fostering networking, collaboration and joint effort among the conference participants. Proceeding papers (double peer review) will be indexed in SCOPUS.

IEOM Society has become a premier international platform and forum for academics, researchers, scientists and practitioners to exchange ideas and provide insights into the latest developments and advancements in the fields of Industrial Engineering and Operations Management. IEOM has successfully organized international conferences in Dhaka (2010), Kuala Lumpur (2011), Istanbul (2012), Bali (2014), Dubai (2015), Orlando (2015), KL (2016), Detroit (2016), Rabat (2017), Bristol, UK (2017), Bogota (2017), Bandung (2018), Paris (2018), Washington DC (2018), Pretoria (2018) and Bangkok (2019). IEOM Toronto event will be our 4<sup>th</sup> North American Conference.

The conference will cover the following topics but not limited to:

Artificial Intelligence	E-Manufacturing	Innovation	Project Management
Automation and Control	Energy	Inventory Management	Quality
Business Management	Engineering Education	IoT	Reliability
Case Studies	Engineering Management	Lean	Service Systems and Management
Construction Management	Entrepreneurship	Logistics	Six Sigma
Data Analytics / Big Data	Environmental Services	Maintenance Services	Supply Chain
Decision Sciences	Financial Service Management	Manufacturing	Sustainability
Defense	Healthcare Services	Modeling and Simulation	Systems Dynamics
Contracting	Human Factors and Ergonomics	Operations Management	Systems Engineering
Cybersecurity	Industrial Services	Operations Research	Technology Management
Design and Analysis	Industry Practices and Solutions	Product Lifecycle Management	Transportation and Traffic
E-Business/E-Service	IT / IS / iCloud	Production Planning and Control	

**Special Tracks:** Industry 4.0    Global Engineering Education    Industry Solutions    Women in Industry and Academia

**Competitions:** Trophies and Award Certificates will be provided for 1<sup>st</sup>, 2<sup>nd</sup> & 3<sup>rd</sup> place winners for each category.

Undergraduate Student Paper Competition	Undergraduate Research Competition	Lean Six Sigma Competition
Graduate Student Paper Competition	High School STEM Competition	Supply Chain and Logistics Competition
Doctoral Dissertation Competition	Sr. Capstone Design Project Poster Competition	Poster Competition
Master Thesis Competition	Simulation Competition	

**Honorary Chair:** Dr. Abdur Rahim, University of New Brunswick at Fredericton, Canada

**Conference Chairs:**

- Dr. Ali ElKamel, University of Waterloo, Canada
- Dr. Srinivas Ganapathyraju, Sheridan College Institute of Technology & Advanced Learning, Brampton, Ontario, Canada
- Dr. Ahad Ali, Lawrence Technological University, Southfield, Michigan, USA

**Industry Chair:** Steven Sibrel, Harman International and Professional Development Chair & Past Chair, ASQ Greater Detroit

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