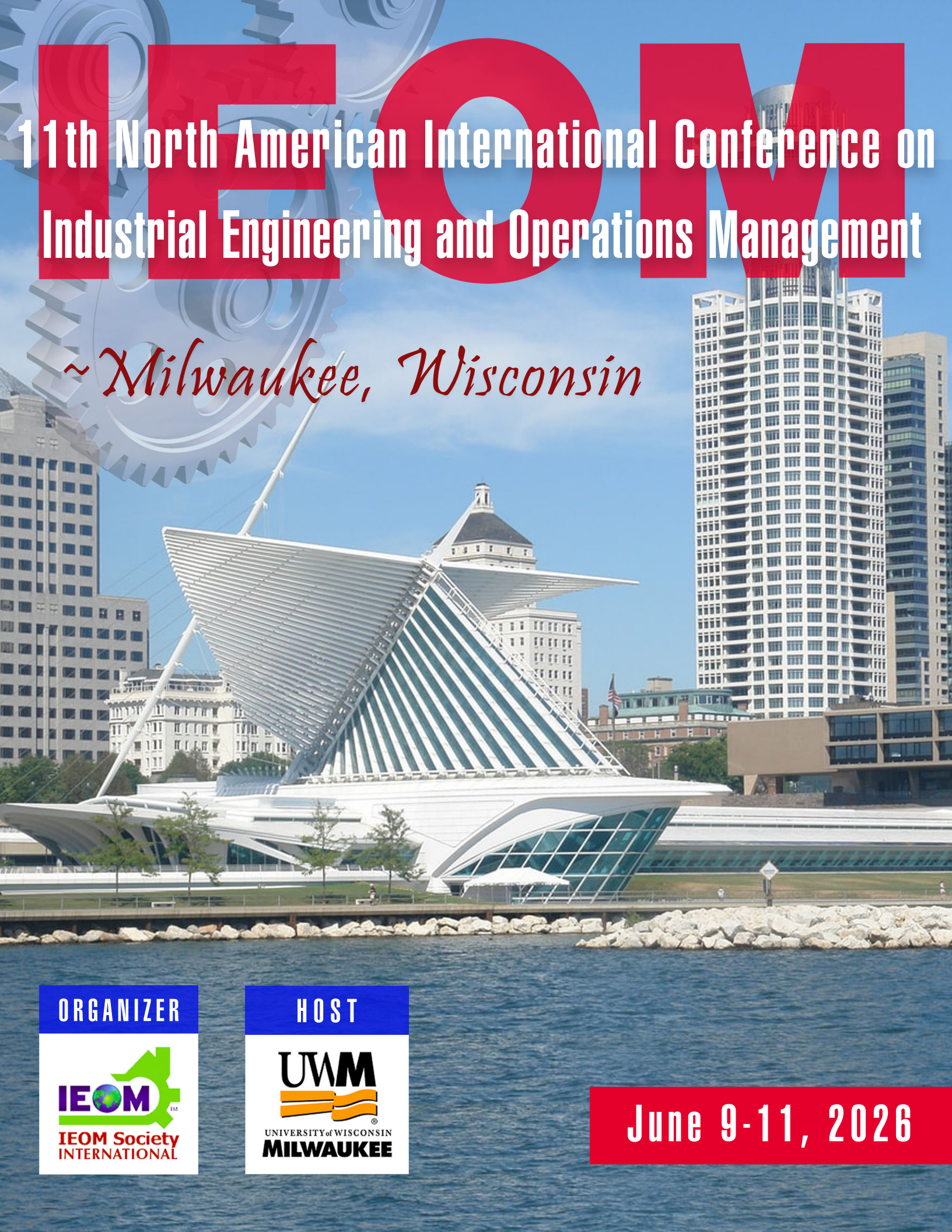
IEOM
11th North American International Conference on
Industrial Engineering and Operations Management
~Milwaukee, Wisconsin
ORGANIZER
IEOM Society INTERNATIONAL
HOST
UWM
UNIVERSITY of WISCONSIN MILWAUKEE
June 9-11, 2026

Sponsors and Partners

Organizer

Industrial Engineering and Operations Management Society International

IEOM Society International, 21411 Civic Center Dr., Suite 205, Southfield, Michigan 48076, USA
Phone / WhatsApp: +1-734-530-7520, Email: info@ieomsociety.org

Keynote Speakers

June 9, 2026 (Tuesday)

9:00 – 9:10 AM: IEOM-Milwaukee Conference Co-Chairs and IEOM President's remarks

9:10 – 9:20 AM:

Prof. Canan Bilen-Green
UWM Vice Provost for Faculty Affairs

9:20 – 10:00 AM: Opening Keynote:

John Miller
Director, Wisconsin Economic Development Corporation

10:00 – 10:20 AM Coffee Break

10:20 – 11:00 PM

University of Wisconsin E-Business Consortium

11:00 – 11:40 PM – Keynote

Andrew Ellis
VP Global Portfolio Engineering
Rockwell Automation
11:40 – 12:20 PM

VP – Generac Advanced Manufacturing

12:20 – 1:00 PM Keynote

Dr. Jag Sarangapani
William A. Rutledge – Emerson Electric Company Distinguished Professor
Electrical and Computer Engineering Department
Missouri University of Science and Technology
Rolla, MO, USA

Dr. Sarangapani is a Curators' Distinguished Professor and Rutledge-Emerson Chair at the Missouri University of Science and Technology, Rolla, MO, USA. He was the Site Director for the graduated NSF Industry/University Cooperative Research Center on Intelligent Maintenance Systems for 13 years and an Interim Director for Intelligent Systems Center. He also has a courtesy appointment with the Department of Computer Science. He has co-authored 209 peer-reviewed journal articles as two-author papers, 308 refereed IEEE conference articles, several book chapters, and co-authored five books and two edited books. He holds 21 patents, one defense publication, with several pending. He has supervised the completion of over 36 doctoral students and 32 M.S. thesis students. His research funding is more than $47 million dollars (his shared credit over $13.8 million) from NSF, NASA, AFOSR, ARO, ONR, AFRL, Boeing, Honeywell, Sandia and from other companies. His current research interests

include learning, adaptation, neural network decision making and control, networked control systems/cyber physical systems, prognostics/bigdata, and autonomous systems/robotics with healthcare applications. He served/serving on various editorial boards including as a Senior Editor, IEEE Transactions on Neural Networks and Learning Systems, organizing committees in various international conferences, and as a co-editor for the IET Book series on Control.

June 10, 2026 (Wednesday)
9:00 – 9:10 AM: Opening remarks: UWM College of Engineering and Applied Science, Associate Dean of Research

9:30 – 10:00 AM:

Joe Hamman
Executive Director
UWM Connected Systems Institute
10:20 – 10:40 AM Coffee Break

10:40 – 11:20 AM – Keynote

Michael Cook
Director of Industry-Academia Engagement
Rockwell Automation
11:20 – 12:00 PM – Keynote

John Dyck
Chief Executive Officer, CESMII
The Smart Manufacturing Institute
12:00 – 12:10 PM Short Break

12:10 – 1:00 PM – Keynote

Dr. Anthony Rollett
U.S. Steel Professor of Metallurgical Engineering and Materials Science and University Professor, Materials Science and Engineering
Co-Director of the NASA STRI IMQCAM and the NextManufacturing Center
Carnegie Mellon University
Pittsburgh, Pennsylvania

Anthony Rollett has been a member of the faculty at Carnegie Mellon University since 1995, including five years as materials science and engineering department head. He became the US Steel Professor of Metallurgical Engineering and Materials Science in 2017 and a University Professor in 2024. He is the PI and co-director of the Institute for Model-Based Qualification & Certification of Additive Manufacturing (IMQCAM), which is a NASA-supported Science Technology & Research Institute. He is also the co-director of the Next Manufacturing Center on additive manufacturing.

Previously, he worked at the Los Alamos National Laboratory. There, he was group leader of metallurgy from 1991-1994 and deputy division director of materials science and technology for a year after that.

His research group is supported by industry, several federal research agencies, and the Commonwealth of Pennsylvania. He is a member of the Basic Energy Science Advisory Committee and the Defense Programs Advisory Committee under the Department of Energy. His lecture notes on texture and anisotropy are widely known and used, and he started a new course on additive manufacturing and materials in 2016. He started a new master's program in additive manufacturing in the fall of 2018.

Rollett's research focuses on microstructural evolution and microstructure-property relationships in 3D, using both experiments and simulations. Interests include 3D printing of metals, materials for energy conversion systems, strength of materials, constitutive relations, microstructure, texture, anisotropy, grain growth, recrystallization, formability, and stereology. Relevant techniques include high-performance spectral methods in micro-mechanics, dynamic x-ray radiography (DXR) and high-energy diffraction microscopy (HEDM). Important recent results include definition of process windows in 3D printing through characterization of porosity, 3D comparisons of experiment and simulation for plastic deformation in metals, the appearance of new grains during grain growth, and grain size stabilization. He has 320 peer-reviewed journal publications with an h-index of more than 80.

His awards and honors include:

ASM Fellow
Fellow of the Institute of Physics (UK)
TMS Fellow
Cyril Stanley Smith Award (TMS)
Member of Honor from the French Metallurgical Society
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International Freeform and Additive Manufacturing Excellence (FAME) Award

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Northwestern Mutual
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Data Science Manager
Charter Steel

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10:40 – 11:20 AM:

Panel: Workforce Development in Automation: Area Community Colleges (Moderator: W. Otieno)

11:20 – 11:30 am – Short Break

11:30 – 12:00 PM – Research Keynote:

Dr. Alejandro Hernández González
Professor of Electrochemistry, Manufacturing Processes, and Dynamics
Faculty of Chemical Sciences
Universidad Juárez del Estado de Durango (UJED)
Durango, Mexico

Dr. Alejandro Hernández González is a Research Professor at the Universidad Juárez del Estado de Durango (UJED) and serves as the President of the IEOM Durango Chapter. His expertise is built on a global academic foundation, having conducted research and specialized studies at institutions in Germany, Singapore, and the USA, including the Technical University of Munich, the German Institute of Science and Technology (Asia), MIT, and the University of Colorado Boulder.

As the Innovation and Project Leader at Star Hunters Rocketry, Dr. Hernández specializes in experimental rocketry and liquid propulsion systems. He is deeply committed to democratizing space knowledge, actively mentoring students through the NASA International Space Apps Challenge and fostering local aerospace development.

12:00 – 12:30 PM – Research Keynote:

Monica L. Davis
Sr. HR Leader and Certified Professional in Human Resources (PHR)
Delek US Holdings, Inc.
Texas, USA

Bio – TBA

12:30 – 1:00 PM- Research Keynote:

Dr. Maria Auxiliadora Cannarozzo Tinoco
Chair of the Department of Industrial Engineering and Transportation
Associate Professor in the Department of Industrial Engineering
Universidade Fedral do Rio Grande do Sul (UFRGS), Brazil

Presentation Title: Best Practices for Modernizing Industrial Engineering Curricula: Insights from Benchmarking Initiatives in Developing Countries

Maria Auxiliadora Cannarozzo Tinoco is an Associate Professor in the Department of Industrial Engineering at the Universidade Fedral do Rio Grande do Sul (UFRGS), Brazil. She teaches at the undergraduate and graduate program in Industrial Engineering. She currently serves as Chair of the Department of Industrial Engineering and Transportation (since 2025).

She holds a Ph.D. (2011) and M.Sc. (2006) in Industrial Engineering from UFRGS, and a Bachelor's degree in Chemical Engineering from the University of Carabobo, Venezuela (1998). She also completed postdoctoral research at UFRGS, focusing on quality management, sustainability, and project portfolio management.

Her academic and professional experience includes leadership and coordination roles such as Coordinator (2018–2020) and Vice-Coordinator (2016–2018) of the Undergraduate Program in Industrial Engineering at UFRGS, and Manager of the Technological Incubators Network (REINTEC/UFRGS) at the Zenit Science and Technology Park (2021–2022). She was also a Visiting Professor at the University of Central Florida (USA) in 2021.

Professor Maria Cannarozzo Tinoco is an active researcher affiliated with the Organizational Engineering Research Group (NEO/UFRGS) and the Innovation and Sustainability Center (NIS/UFRGS). She currently coordinates institutional initiatives for the modernization of engineering education program (PMG), supported by CAPES and the Fulbright Commission since 2019 in Brazil.

Her main research interests include Service Management, Quality Management, Sustainable Product-Service Systems (PSS), Innovation and Sustainability, and Engineering Education with a focus on competency-based learning. More recently, her work also explores the integration of Artificial Intelligence in service operations and engineering education.

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Sr. HR Leader and Certified Professional in Human Resources (PHR)
Delek US Holdings, Inc.
Texas, USA

Bio – TBA

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Associate Professor in the Department of Industrial Engineering
Universidade Fedral do Rio Grande do Sul (UFRGS), Brazil

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Submissions Received from Countries and Territories

1. Afghanistan
2. Algeria
3. Australia
4. Bangladesh
5. Bolivia
6. Botswana
7. Brazil
8. Canada
9. China
10. Colombia
11. Germany
12. Ghana
13. India
14. Indonesia
15. Iran
16. Jordan
17. Kazakhstan
18. Kuwait
19. Malaysia
20. Mexico
21. Nigeria
22. Norway
23. Oman
24. Pakistan
25. Paraguay
26. Peru
27. Portugal
28. Saudi Arabia
29. South Africa
30. Taiwan
31. Thailand
32. Turkey
33. United Kingdom
34. United States
35. Vietnam

SCM Keynotes - Online

Moderator:

Prof. Jose Garza-Reyes, Professor of Operations Management and Head of the Centre for Supply Chain Improvement at the University of Derby, UK and EiC, IJIEOM (Q2, Scopus)

Keynotes

Dr Robert de Souza, Executive Director and CEO, The Logistics Institute – Asia Pacific and Senior Fellow, National University of Singapore

Prof. Vikas Kumar, Deputy Vice-Chancellor (Research & Innovation) and Professor of Operations and Supply Chain Management at the University of Portsmouth, UK

Prof. Linda Zhang, Professor of Operations Management, IESEG School of Management, Paris, France

Prof. Nyoman Pujawan, Rektor ULBI and Professor Supply Chain Engineering, Institut Teknologi Sepuluh Nopember (ITS) Surabaya, East Java, Indonesia

Dr. Shraddha Gawankar, Assistant Professor for Practice at Economics and Decision Sciences, Beacom School of Business, University of South Dakota, USA

Dr. Mohammed Anwar Rahman, Director, Supply chain and Logistics Management, MSc, Professor of the School of Engineering science and Technology, Central Connecticut State University, USA

Leadership & Committees

2026 IEOM-SCM Inaugural Conference Chair

- Prof. Jose Garza-Reyes, Professor of Operations Management and Head of the Centre for Supply Chain Improvement at the University of Derby, UK and EiC, IJIEOM (Q2, Scopus)

2026 IEOM-SCM Inaugural Conference Co-Chairs

- Dr Robert de Souza, Executive Director and CEO, The Logistics Institute – Asia Pacific and Senior Fellow, National University of Singapore
- Prof. Layth C. Alwan, Professor, Supply Chain / Operations Management & Business Statistics, Sheldon B. Lubar College of Business, University of Wisconsin-Milwaukee, USA
- Prof. Vikas Kumar, Deputy Vice-Chancellor (Research & Innovation) and Professor of Operations and Supply Chain Management at the University of Portsmouth, UK
- Prof. Linda Zhang, Professor of Operations Management, IESEG School of Management, Paris, France
- Prof. Nyoman Pujawan, Rektor ULBI and Professor Supply Chain Engineering, Institut Teknologi Sepuluh Nopember (ITS) Surabaya, East Java, Indonesia
- Dr. Shraddha Gawankar, Assistant Professor for Practice at Economics and Decision Sciences, Beacom School of Business, University of South Dakota, USA
- Dr. Mohammed Anwar Rahman, Director, Supply chain and Logistics Management, MSc, Professor of the School of Engineering science and Technology, Central Connecticut State University, USA

2026 IEOM SCM Inaugural Conference Committee

- Dr. Anna Land, Associate Professor, Department of Information Technology and Supply Chain Management at Boise State University, Idaho
- Dr. Sam Khoury, Associate Professor of CIS and SCM, Spring Hill College, Mobile, Alabama
- Dr. Erick C. Jones, University of Texas at Arlington, USA
- Dr. Lu Qing, Izmir University of Economics, Turkey
- Dr. Md. Mamun Habib, Independent University of Bangladesh (IUB), Dhaka, Bangladesh
- Dr. Nachiappan Subramanian, University of Nottingham Ningbo, China
- Dr. Nitty Hirawaty Binti Kamarulzaman, Universiti Putra Malaysia
- Dr. Ravi Kant, SVNIT Surat, India
- Prof. Hui-Ming Wee, Chung Yuan Christian University, Taiwan
- Prof. Prem Kumar, AIMST University, Malaysia
- Prof. R.P. Mohanty, Siksha O Anusandhan University, India
- Dr. Nima Molavi, Assistant Professor of Supply Chain Management, California State University-San Bernardino, USA

Panels

Panels
2:30 – 4:00 pm, June 9

Continuous Improvement Panel

Panel Chair

Girish Kumar Gopalakrishnan, MS, CMBB, CSSBB, CMQ-OE
Senior Manager – Continuous Improvement – CNH
Senior Member – IEOM Society International

Girish Kumar Gopalakrishnan is a North America Continuous Improvement Senior Manager at Case New Holland (CNH), Girish has led cross-plant transformation initiatives that have significantly advanced manufacturing performance, digital innovation, and cultural engagement across CNH's operations. He is a distinguished continuous improvement leader whose 15-year career reflects deep technical expertise, transformative leadership, and a sustained impact on operational excellence. He holds a Master's degree in Industrial Engineering from North Carolina State University. He was named one among top 50 business transformation leaders to follow in 2025 by Process Excellence Network. He received the 2025 Marlyn Hyde Commitment to Excellence Award from the American Society of Quality (ASQ) NE Illinois Chapter. He serves as an Industry Advisory Board Member for the Industrial & Manufacturing Engineering department at University of Wisconsin-Milwaukee. He is an ASQ certified Master Black Belt, Black Belt and Certified Manager of Quality and Organizational Excellence. He is also a Senior member with Industrial Engineering & Operations Management Society (IEOM), ASQ and Institute of Industrial Engineers (IISE). Girish is serving as the Secretary of ASQ NE Illinois Chapter, and as an Editor-in-Chief of the ASQ Lean Enterprise Division eZine Quarterly Magazine.

Speaker I

Thomas (Thom) Terence Keehan
Founder & CEO of Enterprise Kaizen
Milwaukee, Wisconsin

Thom Keehan is currently the Founder & CEO of Enterprise Kaizen, a full service consultancy focused on business excellence and growth. Previously, Thom was Vice President of Enterprise Quality & Operational Excellence for Daikin Applied focused on bringing Daikin's Quality back

to the forefront of the company. Thom also was the Chief Innovation Officer and Founder of Leanserv LLC, a consulting and Professional Services company. During his 26-year career, he had expat assignments with General Electric in Turkey, Romania, Canada and England. He served as Corporate Vice President at Tenneco leading the global Operational Excellence initiative for the company overseeing Manufacturing & Business Operations. Thom has an extensive background in the design and launch of enterprise-wide business systems utilizing his comprehensive background of Lean Six Sigma and Problem Solving leading companies through Recovery, Turnaround and Transformation. Previously, he was the Group Vice President of Power Solutions at Johnson Controls. In this role, Thom developed and executed the Business Transformation for Power Solutions five-year business strategy, and led a team of highly qualified experts to directly impact Quality, Cost, and Delivery to customers, both external and internal. He was the Executive Lean Enterprise & Business Transformation Leader at GE Transportation where he led the re-launch of GE's Lean Six Sigma program across the enterprise focused on product quality, speed to market, and cost effectiveness. Thom was also the Chief Operating Officer & Business Transformation Leader at GE Capital/ Garanti Bank where he overcame cultural and language barriers to lead the full Operations organization and pioneered Lean Six Sigma methodologies within the Banking industry of Turkey and Romania.

In addition, Thom has held positions in Engineering, Manufacturing, Supply Chain, Finance, and Banking within the Appliances, Plastics, Corporate, Capital, and Transportation divisions of GE as well as three Joint Ventures. Within his consulting business, Thom re-engineered various functions while acting as interim executive. He holds Master's and Bachelor's degrees in Mechanical Engineering from the University of Virginia and is a graduate of GE's prestigious Edison Engineering Program and Advanced Courses.

Speaker II

Siva Ravi
Director of Operations Excellence
Marketing Card Technology, LLC
Chicago, IL

Siva Ravi is the Director of Operations Excellence at Marketing Card Technology, LLC, where he leads enterprise-wide initiatives in quality management, regulatory compliance, and operational transformation within secure payment card manufacturing. He specializes in designing and deploying integrated management systems, including ISO 9001:2015 and ISO 27001, along with Card Quality Management frameworks for Visa and Mastercard and regulatory programs such as PCI, HIPAA, SOC 2 Type 2, and FSC.

He brings deep expertise in Lean Six Sigma and structured problem solving, applying methodologies such as PFMEA, 5-Why, Ishikawa, and 8D to drive process stabilization and continuous improvement. His work has delivered measurable impact, including significant reductions in defect rates, improved production efficiency, and sustained productivity gains across manufacturing operations.

His recent work focuses on Industry 4.0 transformation, where he has led the implementation of MES and data-driven shop floor systems to enhance traceability, enable real-time performance monitoring, and reduce manual inefficiencies. He has also applied advanced inventory analytics and optimization techniques to improve material flow and working capital utilization.

Prior to his current role, He supported global operational excellence initiatives across multiple manufacturing sites in Europe, contributing to SAP process standardization and enterprise quality system implementation.

He holds an MBA in Operations from the University of Applied Sciences Hof, Germany, and a Bachelor's degree in Mechanical Engineering from PSG College of Technology, India. He is a certified Six Sigma Black Belt, ISO 9001 Lead Implementer, Industry 4.0 MES practitioner, and a Steering Committee Member of the International Card Manufacturers Association. His expertise lies in delivering technical and regulatory quality standards for highly secure printing and manufacturing environments supporting Visa and Mastercard programs. His research and professional interests focus on digital manufacturing, data-driven operations, and supply chain optimization within card and personalization industries, with a strong emphasis on tightly controlled lead times, end-to-end traceability, and compliance-driven, high-security production systems.

Speaker III


Paul Augustine
Senior Engineering Manager
Trane Technologies
La Crosse, Wisconsin

Paul Augustine is a seasoned engineering and quality leader at Trane Technologies, where he leads advanced manufacturing initiatives supporting centrifugal chiller platforms and other mission-critical infrastructure systems. With a strong foundation in both technical engineering and operational leadership, he has built a reputation for driving large-scale transformation across complex manufacturing environments.

Throughout his career, Paul has successfully scaled production capacity in high-demand, high-reliability product lines enabling significant revenue growth while improving efficiency. His leadership has delivered measurable productivity gains through advanced manufacturing systems, lean methodologies, and data-driven decision-making, with a focus on aligning engineering, quality, and operations.

Paul is an active contributor to the global quality and standards community. As a Senior Member of the American Society for Quality (ASQ), he serves as Membership Chair for ISO TAG 176 under the International Organization for Standardization, and contributes to SC3 WG29 shaping ISO 10007. He also supports the Telecommunications Industry Association (TIA) DCE 9000 initiative for data center quality management.

A published author with organizations including American Society of Mechanical Engineers (ASME), SAE International, and ASQ, Paul is known for combining technical expertise with strategic leadership to build high-performing teams and deliver measurable business impact.

Speaker IV

Iftekharuddin Khan
Industrial and Manufacturing Engineering Department
University of Wisconsin – Milwaukee

2:30 – 4:00 pm, June 9

Reliability and Maintenance Panel

Panel Chair

Tim Rautmann, CRL, PPOE1, MLT
Corporate Engineering Director
CINTAS Corporation
Milwaukee, Wisconsin
Speaker I

Kevin Spiegl
Regional Reliability Engineer
CINTAS Corporation
Franklin, Wisconsin
Speaker II

Speaker III


Eric Ayanegui, CPMM, CRL
Director Operations Engineering
Cintas Corporation
Houston, Texas
United States

Mr. Eric Ayanegui is currently the director of Operations Engineering of CINTAS. As one of the technical leaders at CINTAS, he has been directing engineering, reliability, quality and safety initiatives across 210 industrial sites across North America and China. He has over 20 years of experience in the industrial laundry industry and has been involved in industrial leading efforts in Reliability and Safety. He is a member of the CINTAS Corporate Executive Faculty teaching Reliability and a certified Plant Maintenance Manager and Certified Reliability Leader. He is a member of Industrial Engineering Academy of Distinguished Alumni of UH and has served on the advisory board of Industrial Engineering Department at UH since 2015. He holds a BS degree in Industrial Engineering from the University of Houston.

Speaker IV


Kevin Patel
Project Quality Leader
Futaba North America, Chicago, IL, USA

Kevin Patel is a researcher and engineering leader specializing in intelligent manufacturing systems, automation, robotics-enabled production systems, and artificial intelligence–driven industrial analytics, with a strong focus on Automation, Robotics, and Autonomous Systems in modern industrial environments. He holds a Master of Engineering in Mechanical Engineering from the Illinois Institute of Technology, Chicago. His work focuses on applying data-driven engineering approaches, Industrial Internet of Things (IIoT), cyber-physical production systems, and advanced manufacturing technologies to improve reliability, quality performance, and operational efficiency in complex manufacturing operations.
Kevin's professional and research interests center on the development of intelligent and autonomous production systems capable of real-time monitoring, predictive decision-making, and adaptive process control. By integrating robotics technologies, digital manufacturing platforms, and advanced quality engineering methodologies, his work supports the advancement of smart and resilient manufacturing systems that enhance production stability, reduce defects, and improve operational performance in high-volume industrial environments.
In addition to his technical and research contributions, Kevin is actively involved in professional leadership and service. He currently serves as Chair of the IEEE Fox Valley Subsection, and Associate Editor for IEEE Transactions on Industrial Informatics (IEEE TII) and IEEE IoT. His work contributes to advancing intelligent automation, smart factories, and next-generation Industry 4.0 and Industry 5.0 manufacturing ecosystems.

4:30 – 6:00 pm, June 9

Panel on IEOM Curriculum and Engineering Education with AI Integration

Panel Chair

Dr. Luis Rabelo
Professor
Department of Industrial Engineering & Management Systems
University of Central Florida
Orlando, FL, USA

Dr. Luis Rabelo received the BS in Electro-Mechanical Engineer from the Technological University of Panama in 1983, an MS in Electrical Engineering from the Florida Institute of Technology in 1987 Master's and Doctorate in Engineering Management from the University of Missouri. He was a Postdoc at the University of Missouri in Nuclear Engineering. Dr. Rabelo received a dual MS in Systems and Management from the Massachusetts Institute of Technology. He has worked for the Advanced Technology Group (Goodrich) and Honeywell Laboratories. Dr. Rabelo was a NASA Fellow from 2002 to 2005, and a Project Manager at NASA from 2009 to 2011. He is currently Professor in the Industrial Engineering and Management Systems Department at UCF. He is also the Undergraduate Coordinator. He has written more than 300 articles and a book in Artificial Intelligence. He has been the principal advisor for 39 Master's students and 29 PhDs. He received the award for the Best Scientific Article of the Year 2004 from the Society of Automotive Engineers, received the distinction "ONE NASA" in 2006. He was the recipient of the Fulbright Distinction in 2008. In November 2008, he received the honor of the Technological University of Panama (UTP) of being the 2008 Distinguished Alumni. In 2011, he was the Henaac Award Winner in Education. In 2013 and 2018, he received the Forest R. McFarland Award from the Society of Automotive Engineering (SAE). Lately, he received the SAE Russell S. Springer Award for his article on the modeling of space operations systems in 2017.

Speaker I

Dr. Gloria Guadalupe Navarro, EdD
Chief Executive Officer
Rex Academy (Rex K-12)
Milwaukee, Wisconsin

Dr. Gloria Guadalupe Navarro is an education leader, entrepreneur, and systems strategist committed to expanding access to technology education and workforce-aligned learning pathways. She serves as the Chief Executive Officer of Rex Academy (Rex K-12), an education technology organization focused on preparing learners for the future of work through programs in artificial intelligence, computer science, cybersecurity, and emerging digital skills.

Dr. Navarro brings extensive experience across K-12 education systems, state education policy, and nonprofit leadership. Prior to leading Rex Academy, she held leadership roles with the Wisconsin Department of Public Instruction and City Year Milwaukee, where she designed and implemented statewide continuous improvement systems to support schools identified under federal accountability frameworks. Her work has

focused on strengthening instructional systems, expanding equitable access to high-quality learning, and building partnerships that connect education with workforce and industry needs.

A Milwaukee native, Dr. Navarro's leadership is grounded in both lived experience and research. She earned her Doctor of Education in Applied Learning Sciences from the University of Miami, where her work examined how learning theory and inclusive design principles can strengthen professional training and skill development. Today, she works at the intersection of education, technology, and workforce development to help schools, communities, and employers build pathways that equip learners with the skills needed to thrive in a rapidly evolving digital economy.

Through her leadership at Rex Academy and her work with cross-sector partners, Dr. Navarro advocates for integrating artificial intelligence and emerging technologies into education in ways that expand opportunity, strengthen innovation ecosystems, and prepare learners for the demands of Industry 4.0.

Presentation Title: Best Practices for Modernizing Industrial Engineering Curricula: Insights from Benchmarking Initiatives in Developing Countries

Dr. Maria Auxiliadora Cannarozzo Tinoco
Associate Professor in Industrial Engineering
Universidade Federal do Rio Grande do Sul (UFRGS), Brazil

Maria Auxiliadora Cannarozzo Tinoco is an Associate Professor in Industrial Engineering at the Universidade Federal do Rio Grande do Sul (UFRGS), Brazil, where she currently serves as Chair of the Department of Industrial Engineering and Transportation. She holds a Ph.D. and M.Sc. in Industrial Engineering from UFRGS and a Bachelor's degree in Chemical Engineering. Her academic trajectory includes leadership roles in undergraduate program coordination and active engagement in the university's innovation ecosystem.

She is an active researcher affiliated with the Organizational Engineering Research Group (NEO/UFRGS) and the Innovation and Sustainability Center (NIS/UFRGS), leading projects on digital technologies for vocational and training education, as well as new business design based on public data. She currently leads initiatives focused on the modernization of engineering education, supported by CAPES and the Fulbright Commission, involving benchmarking with North American universities. Her research interests include Service Management, Quality Management, Sustainable Product-Service Systems, Innovation, and Engineering Education, with a recent emphasis on the integration of Artificial Intelligence.

Dr. Joana Siqueira de Souza
Associate Professor in Industrial Engineering
Universidade Federal do Rio Grande do Sul (UFRGS), Brazil

Joana Siqueira de Souza is an Associate Professor in Industrial Engineering at the Universidade Federal do Rio Grande do Sul (UFRGS), where she currently serves as Vice Chair of the Department of Industrial Engineering and Transportation. She holds a Ph.D. and M.Sc. in Industrial Engineering and a Bachelor's degree in Civil Engineering from UFRGS, and completed postdoctoral research in risk management. She is a faculty member of the Graduate Program in Production Engineering (PPGEP/UFRGS), where she supervises master's and Ph.D. students, and has held leadership roles including Coordinator of NECOP and Undergraduate Program Coordinator.

Her research and teaching focus on engineering economics, cost management, and risk management, alongside strong engagement in curriculum innovation initiatives supported by Fulbright. Her recent work emphasizes active learning, performance assessment, and the benchmarking of international practices to support the continuous improvement of industrial engineering education programs.

Dr. Rafael Faermann Korman
Co-founder and Director of Autonomia and founder of Instituto DEEP Nexus, Brazil

Rafael Faermann Korman holds a Ph.D. in Education from the Pontifícia Universidade Católica do Rio Grande do Sul (PUCRS), including a sandwich period at the Harvard Graduate School of Education, and a degree in Production Engineering from UFRGS, where he also developed research on curriculum reform in Engineering Education. He is the first certified Data Wise educator in Latin America and has extensive experience in educational leadership, having served as Administrative-Pedagogical Coordinator of High School at Colégio Israelita, where he led the implementation of the Brazilian National Curriculum (BNCC).

He is co-founder and director of Autonomia and founder of Instituto DEEP Nexus, leading the dissemination of Data Wise and data-driven educational practices across Latin America. His work focuses on active learning methodologies, teacher training, and the use of assessment data to improve teaching and learning. He has also implemented initiatives such as Problem-Based Learning and Team-Based Learning at the curricular level and developed award-winning innovation projects in education, contributing to the advancement of engineering education and school management practices.

4:30 – 6:00 pm, June 9

Panel on Project Management

Panel Chair


Priyanka Malla, PMP,
Information Technology Project Manager, FBM
IEEE Senior Member | IEEE Orange County Section Secretary Officer

Priyanka Malla is an Information Technology Project Manager, based in Orange County, California, where she leads an enterprise technology portfolio spanning AI/ML, ERP modernization, cloud infrastructure, and identity governance across multiple sites nationwide. She is also an AI project manager at her organization, owning the company's entire AI initiative portfolio, having built the delivery capability from the ground up. Prior to FBM, Priyanka worked as a TPM at Glidewell Dental and as a Project Engineer at Wipro Technologies, supporting global enterprise clients including Intel, Daimler, and Electrolux. She earned her Master of Science in Management Information Systems from California State University, Long Beach. Her professional credentials include PMP certification from PMI, AWS Machine Learning Foundations, IBM Enterprise Design Thinking, and Google Analytics.

Priyanka is a published researcher with peer-reviewed papers in international journals covering Agile methodologies, AI-driven automation, and enterprise vendor optimization. She bridges industry and academia through active leadership across multiple professional organizations, serving as Mentorship Coordinator at the PMI Orange County Chapter, Secretary Officer of the IEEE Orange County Section, and Content Committee Member at PDMA. Her expertise has been recognized through judging roles at the Regeneron International Science and Engineering Fair (Grand Award Judge, Software Design), FIRST LEGO League, and CSUF Center for Entrepreneurship. She was elevated to IEEE Senior Member in October 2025.

Panel Speaker I

Panel Speaker II

Panel Speaker III

Panel Speaker IV

2:30 – 4:00 pm, June 10

Supply Chain Management Panel

Panel Chair

Senthilkumar Thiyagarajan, Ph.D.
Senior Supply Chain Analyst
Medline Industries, LP
Northfield, Illinois, USA
Board of Director, Logistics and Supply Chain Division – IISE
Content Management Committee Leader, Supply Chain Management, Quality Management Division, American Society for Quality
Board Member, ISCEA-IMPA

Dr. Senthilkumar Thiyagarajan is a Senior Supply Chain Analyst in the Center of Excellence for Inventory Management at Medline Industries, LP. He earned his Ph.D. in Supply Chain Management from Purdue University and MS in Industrial Engineering from Arizona State University. His expertise spans supply chain resilience, digital twin technology, Industry 4.0, Lean Six Sigma, and product lifecycle management, with a proven track record of applying advanced research to real-world industry challenges. Dr. Thiyagarajan's research work has been published in leading journals, including the International Journal of Lean Six Sigma, Total Quality Management & Business Excellence, and the International Journal of Productivity and Quality Management. He has also presented his research at major international conferences. A certified Six Sigma Black Belt, he has held impactful roles in supply chain, quality engineering, and process improvement at Tesla, Schott, Cook Medical, and Zimmer Biomet before joining Medline. Beyond his corporate contributions, Dr. Thiyagarajan actively advances the profession through editorial, advisory, and leadership service. He currently serves on the Editorial Advisory Boards of the International Journal of Lean Six Sigma and the International Journal of Quality & Reliability Management. He is a Board Member of the Logistics & Supply Chain Division of IISE and an Industrial Advisory Board Member for IISE. Within the American Society for Quality (ASQ), he leads the Content Management Committee for Supply Chain Management and contributes as a committee member for Quality 4.0 in the Quality Management Division.

Panel Speaker I

Dr. Matthew Petering
Associate Professor
Department of Industrial and Manufacturing Engineering
University of Wisconsin – Milwaukee (UWM)
Milwaukee, Wisconsin
USA

While Dr. Petering's academic career has kept him in the Midwest (Washington University in St. Louis, University of Michigan, UW-Milwaukee), his research has affected the commerce of the entire globe. His work on seaport container transshipment terminals, high-speed train scheduling, and

material handling has streamlined transportation and warehousing systems around the world. His research on logistics and supply chain management has combined the ever-changing world of business with the hard science of engineering.

Speaker II

Prabhat Rao Pinnaka
Lead Product Manager, Supply Chain – Tech & AI
Lowes

Prabhat Rao Pinnaka is a product and supply chain transformation leader specializing in AI, digital twins, and intelligent enterprise systems. He has led initiatives across fulfillment, warehouse operations, and enterprise decision support, helping organizations improve resilience, productivity, and operational performance at scale. His experience includes large transformation programs supporting companies such as Lowe's, Johnson Controls, BASF, Dow, and Kraft Heinz.

Prabhat is a frequent speaker and thought leader on AI-driven supply chain transformation, with a focus on translating emerging technologies into practical operating models and measurable business outcomes.

Speaker III

Aswin Sudarsanam
Supply Chain Integration and Technology
Medline Industries, LP
Chicago, Illinois, USA

Aswin Sudarsanam is a Senior Business Systems Analyst in the Supply Chain Integration and Technology team at Medline Industries, LP, where he focuses on enabling scalable, technology-driven supply chain transformation. He leads the integration of supply chain systems supporting mergers and acquisitions, develops Medline's long-term supply chain technology roadmap, and drives global supply chain integration initiatives.

With over six years of experience partnering closely with Medline's Supply Chain Center of Excellence, Aswin has led high-impact process improvement and digital enablement initiatives across planning, inventory, and end-to-end supply chain operations. He also spent two years in Medline Canada, where he played a key role in leading a supply chain digital transformation effort, modernizing systems and processes to support growth and operational excellence.

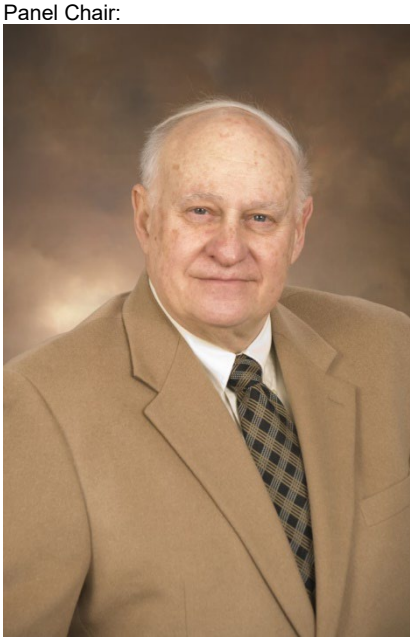
Aswin holds a master's degree in industrial engineering from Northern Illinois University and brings a strong systems-thinking and analytics mindset to solving complex supply chain challenges. His work sits at the intersection of business strategy, process design, and technology execution, with a focus on building sustainable, globally scalable supply chain capabilities.

Speaker IV

2:30 – 4:00 pm, June 10

Entrepreneurship Mindset Panel

Panel Chair:



Professor Donald M. Reimer
President, The Small Business Strategy Group, Detroit, Michigan, USA
Adjunct Faculty – A. Leon Linton Department of Mechanical Engineering
Lawrence Technological University, Southfield, Michigan, USA
Chief Operating Officer, IEOM Society

Donald M. Reimer is an adjunct faculty at the A. Leon Linton Department of Mechanical Engineering in College of Engineering at Lawrence Tech in Southfield, Michigan. He coordinates the Certificate of Entrepreneurial Engineering Skills. Mr. Reimer holds a Bachelor of Science degree in Industrial Management from Lawrence Technological University and a Master of Arts degree in Political Science from University of Detroit/Mercy. He is a Certified Management Consultant with over 35 years of experience in working with closely-held businesses. He has taught courses in entrepreneurship, strategic management, corporate entrepreneurship and innovation for engineers. Mr. Reimer is a member of the Lawrence Tech Kern Campus Committee, Coordinator of the Lawrence Tech Innovation Encounter. He is faculty Advisor of the Collegiate Entrepreneurs' Organization. Mr. Reimer serves as a Kern Fellow of The Kern Family Foundation, Co-Direct of the Coleman Fellows Program, member of the National Collegiate Entrepreneurs' Organization Faculty Advisory Council and is a member of the American Society of Engineering Education.

He has operated his own consulting company – The Small Business Strategy Group for 23 years. He published numerous articles on small business, entrepreneurship and strategic thinking. He has received several awards and recognition by local, state and federal agencies for his work in entrepreneurship and minority business development. Mr. Reimer served as member of the Minority Economic Development Committee of New Detroit. Mr. Reimer is member of the Small Business Advisory Council of the Detroit Regional Chamber of Commerce. Mr. Reimer is a member of Advisory Board of the Milwaukee Junction Small Business Assistance Center. He is also a member of the Applied Innovation Alliance. Mr. Reimer serves as a KEEN Fellow for The Kern Family Foundation and is a member of United States Association of Small Business and Entrepreneurship.

Panel Co-Chair

Heidi Morano
Director, Entrepreneurial Engineering Design Curriculum
College of Engineering
Lawrence Technological University
Southfield, Michigan

Morano serves as Director of the Entrepreneurial Engineering Design Curriculum. Through the generous support of the Kern Family Foundation, a continuous thread of entrepreneurially-minded learning is intentionally woven through the engineering curriculum – beginning with the freshmen EGE 1001 Fundamentals of Engineering Design Projects and further evolving with the sophomore level EGE 2123 Entrepreneurial Engineering Design Studio, the junior-level EGE 3022 Leadership & Professional Development for Engineers and culminating with the Senior Capstone Experience.

Prior to her role as director, Professor Morano served as the project engineer in the Studio for Entrepreneurial Engineering Design and collaborated in the development and design of the EGE 2123 course. Professor Morano also served as an adjunct faculty member in the A. Leon Linton Department of Mechanical, Robotics and Industrial Engineering for 11 years. She earned a MSME in Applied Mechanics at the University of Michigan.

Speaker I

Dr. Wilkistar Otieno
Associate Professor and Chair
Department of Industrial and Manufacturing Engineering
University of Wisconsin-Milwaukee
United States

Dr. Wilkistar Otieno is an Associate Professor and Chair of the Industrial & Manufacturing Engineering Department at the University of Wisconsin–Milwaukee. Her industry-driven research involves sustainable manufacturing, particularly remanufacturing and machine learning, with applications in manufacturing. She has a passion for teaching statistical-related courses, and inspiring student involvement. She is a faculty mentor to several student organizations, including the Society of Women Engineers, the Campus Advent Society and the Institute for Operations Research and Management Sciences and the Association of Energy Engineers. She is a long-time faculty mentor of the STEM INSPIRE Wisconsin Alliance for

Minority Participation program. She received the 2022 Tony Quinn Awardee from the Louis Stokes Midwest Regional Center of Excellence (LSMRCE), and the 2022 UW System Outstanding Women of Color in Education Award. Dr. Otieno has served as the Chair of Institute of Electrical and Electronics Engineers-Milwaukee Chapter and is the past Chair of the INFORMS Women in Operations Research and Management Sciences.

Speaker II

Speaker III

Speaker IV

4:30 – 6:00 pm, June 10

Women in Industry and Academia (WIIA)

Panel Chair

E. Shirl Donaldson, Ph.D. PMP
Faculty Member
College of Innovation and Technology
University of Michigan Flint

Academia is the second career for E. Shirl Donaldson. Dr. Donaldson worked as a partner in a family-owned manufacturing firm resulting in exceptional insight into entrepreneurship, manufacturing, operations management, project management, quality systems, technology management and STEM education. Before returning to Purdue University in 2009 to pursue a Ph.D. in Industrial Technology, she held positions with technical and financial responsibilities. She brings these skills and experiences to every space she enters as she continues to teach and consult. In August 2021, Donaldson joined the College of Innovation and Technology as inaugural faculty at University of Michigan Flint. Previously, Dr. Donaldson has taught operations management, project management, supply chain, and quality systems at The University of Texas and Purdue University. Problem-solving is Shirl Donaldson's passion. Professor Donaldson is a certified project management professional (PMP) and an active member of Project Management International (PMI). Her current research agenda is highlighted in several community engaged projects such as Modifying Vehicles for Handicapped Children from a Student Perspective, Racial Equity and STEM, STEM Education and Donk Racing, Motorsports and Applied STEM, Leveraging Project Management for Student Success, Paper Ceiling Explorations, and Entrepreneurship in Underserved Communities.

Speaker I

Monica L. Davis
Sr. HR Leader and Certified Professional in Human Resources (PHR)
Delek US Holdings, Inc.
Texas, USA

Speaker II

Dawn Patterson
Founder, CEO and Creative Director of I Am My City, Brand
DFC Director of sponsorship and the Co-Creator of Socialite Detroit
Detroit, Michigan, USA

Speaker III

Speaker IV

Tallie Cheairs

4:30 – 6:00 pm, June 10

AI Panel

Panel Chair

Panel Speaker I

Panel Speaker II

Panel Speaker III

Panel Speaker IV

Tariq Alam, Canada

2:30 – 4:30 pm, June 11

Lean Six Sigma Panel (Online)

Panel Chair

Panel Speaker I

Panel Speaker II

Panel Speaker III

Panel Speaker IV

4:30 – 6:00 pm, June 11

Panel on PPAP (Online)

Panel Chair

Steven Sibrel
Senior Supplier Quality Manager
Harman International, Novi, MI
Past Chair – ASQ Greater Detroit

Steve Sibrel is a business process improvement trainer, coach and auditor with over 35 years of experience in the business and manufacturing world. He is currently working as Senior Supplier Quality Manager at Harman International, a manufacturer of audio and infotainment systems for consumer, professional, and automotive industries, with well-known brands such as JBL, Lexicon, Crown, Infinity, Mark Levinson, Becker and Harman-Kardon. Previously he held a number of engineering and management positions in diverse industries at Applied Materials (Semiconductor), NEC (Telecommunications) and Texas Instruments (Military). He has conducted over 200 supplier audits in North America, Europe, and Asia and is a Lead Auditor for ISO/TS16949, ISO9001, ISO13485, ISO17025, and 21CFR820. He has been the Chair for Professional Development for the ASQ Detroit section since 2008. He received the Distinguished Service Award in 2008 and the Leadership Award in 2013 from ASQ. Current ASQ Certifications held are Six Sigma Black Belt, Quality Engineer, Quality Inspector, Quality Auditor, and Manager of Quality/ Organizational Excellence. He is an adjunct facility member at Macomb Community College. Steve has a BSEE degree from Rose Hulman Institute of Technology and an MSEE degree from Southern Methodist University.

Speaker I

Speaker II

Speaker III

Speaker IV

Six Sigma Yellow Belt Workshop

June 9, 2025: 6:00 – 8:00 pm

Six Sigma Certification Topics
- Six Sigma Fundamentals

Define
- Project Charter
- Process Maps
- SIPOC
- Matrix Diagrams
- Critical to Quality (CTQ) Metrics
- DPMO
- Pareto Chart
- QFD

Measure
- Process analysis
- Probability, Statistics and Distribution
- Data collection and analysis
- Gage Repeatability and Reproducibility (R&R)
- Process capability
- X-Bar Charts, Run Charts, Moving Average Charts, EWMA Charts, and Attribute Charts
- Takt Time and Standardization
- Spaghetti Diagrams
- Setup Reductions

Analyze
- Value Stream Map
- Hypothesis Testing
- Goodness of fit test
- Regression Analysis
- Cause & Effect Diagrams
- Scatter Diagrams
- ANOVA
- Confidence Interval

Improve
- Lean Tools to reduce NVA: 5S, Kaizen, Seven Zeros and TPS Principles
- FMEA
- Simulation
- Design of Experiments (DOE)
- Statistical Process Control (SPC)
- Analysis of Variance (ANOVA)
- Solutions Validation

Control
- Control Plan
- SPC
- Tracking
- DFSS

Dr. Ahad Ali
Associate Professor
Director, Doctor of Engineering in Advanced Manufacturing
Director of Industrial Engineering Programs (BSIE & MSIE)
A. Leon Linton Department of Mechanical, Robotics, and Industrial Engineering
Lawrence Technological University, Southfield, Michigan, USA
Executive Director, IEOM Society International

Dr. Ahad Ali is an associate professor, director of doctor of engineering in advanced manufacturing and director of industrial engineering programs (BSIE & MSIE) at A. Leon Linton Department of Mechanical, Robotics, and Industrial Engineering of the Lawrence Technological University (LTU), Southfield, Michigan, USA. He established the Siemens Electro-Matic Industrial Engineering Lab at LTU. Dr. Ali was the primary author of the ABET self-study report of the BSIE Program at LTU in 2022. He earned a BS in Mechanical Engineering from Khulna University of Engineering and Technology (KUET), Bangladesh, a Master's in Systems and Engineering Management from Nanyang Technological University, Singapore, and a Ph.D. in Industrial Engineering from the University of Wisconsin-Milwaukee, USA. Dr. Ali was an Assistant Professor in Industrial Engineering at the University of Puerto Rico - Mayaguez, a Visiting Assistant Professor in Mechanical, Industrial, and Manufacturing Engineering at the University of Toledo, and a Lecturer in Mechanical Engineering at the Bangladesh Institute of Technology, Khulna. He received an Outstanding Professor Award from the Industrial Engineering Department, University of Puerto Rico -Mayaguez. Dr. Ali has been recognized with a Fulbright Award. He has published 75 journal papers and 150 conference papers. Dr Ali conducted research projects with Chrysler, Ford, DTE Energy, New Center Stamping, Whelan Co., Delphi Automotive System, GE Medical Systems, International Truck and Engine Corporation (ITEC), and Rockwell Automation. His research interests include manufacturing systems, quality, lean, six-sigma, simulation, artificial intelligence, supply chain, and optimization. He supervised 11 doctoral students in Doctor of Engineering in Manufacturing Systems (DEMS). He is a founding team member and Chief Executive Officer (CEO) of IEOM Society International. Dr. Ali is a Co-Chair of the International Conference on Industrial Engineering and Operations Management. Dr. Ali organized IEOM conferences around the globe on six continents including Dhaka, Kuala Lumpur, Istanbul, Bali, Dubai, Orlando, Detroit, Rabat, Bristol, Bogota, Paris, Washington, DC, Lima, Johannesburg, Bangkok, Pilsen, Toronto, Costa Rica, Monterrey, Sao Paulo, Riyadh, Manila, Melbourne, New Delhi, Sydney, Augsburg, Tokyo, and Muscat. He is an associate editor of the IJIEOM. Dr. Ali is a member of IEOM, INFORMS, SME, and IEEE.

Simulation with DOE Workshop

June 11, 2025: 6:00 – 8:00 pm

Conference Committee

Conference Chairs

- Dr. Wilkistar Otieno, Associate Professor and Chair, Industrial & Manufacturing Engineering, University of Wisconsin-Milwaukee, USA
- Dr. Satya Aditya Akundi, Assistant Professor, Industrial & Manufacturing Engineering, UWM
- Dr. Luis Rabelo, Professor, Department of Industrial Engineering & Management Systems, University of Central Florida, Orlando, FL, USA
- Dr. Ahad Ali, Associate Professor, Director of Doctor of Engineering in Advanced Manufacturing and Director of Industrial Engineering Program, Lawrence Technological University, Southfield, Michigan, USA and CEO of IEOM Society

Program Chairs

- Professor Don Reimer, Chief Operating Officer, IEOM Society International
- Dr. Mohammad Habib Rahman, Richard and Joanne Grigg Professor, Mechanical Engineering and Department Chair, Mechanical Engineering, University of Wisconsin-Milwaukee, USA

Industry Chairs

- Dr. E Shirl Donaldson, College of Innovation and Technology, University of Michigan Flint

Technical Chairs

- Girish Gopalakrishnan, Senior Manager Continuous Improvement – North America, CNH, Milwaukee, USA
- Dr. Senthilkumar Thiyagarajan, Sr Analyst Supply Chain, Inventory Management, Medline Industries, LP, Chicago

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Organizing Committee

- Dr. Rina Ghose, Professor, Industrial & Manufacturing Engineering, UWM
- Dr. Jaejin Jang, Associate Professor, Industrial & Manufacturing Engineering, UWM
- Dr. Junjie Niu, Richard and Joanne Grigg Professorship and Professor, Industrial & Manufacturing Engineering, UWM
- Dr. Hamid Seifoddini, Associate Professor, Industrial and Manufacturing Engineering, UWM
- Dr. Bakhtear Talukdar, Associate Professor of Finance, Department of Finance and Business Law, University of Wisconsin-Whitewater, WI, USA

Sponsors and Exhibitors Chair
Professor Don Reimer, Lawrence Technological University, Southfield, Michigan, USA

Conference Secretariat

- Dr. Mizanur Rahman, Operations Manager, IEOM Society International

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Supply Chain Management Committee

- Dr. Layth Alwan, Professor of Supply Chain/Operations Management & Business Statistics, University of Wisconsin-Milwaukee
- Dr. Shraddha Gawankar, Assistant Professor for Practice at Economics and Decision Sciences, Beacom School of Business, University of South Dakota
- Dr. Anna Land, Associate Professor, Department of Information Technology and Supply Chain Management at Boise State University, Idaho
- Dr. Shraddha Gawankar, Assistant Professor for Practice at Economics and Decision Sciences, Beacom School of Business, University of South Dakota
- Dr. Sam Khoury, Associate Professor of CIS and SCM, Spring Hill College, Mobile, Alabama
- Dr. Nima Molavi, Assistant Professor of Supply Chain Management, California State University-San Bernardino, USA

Track Chairs

ID	Track Name	Track Chair

1	Artificial Intelligence and Data Science	Sudhakar Tiwari, Identity and Access Management Consultant, Zurich Insurance, Schaumburg, Illinois, United States
2	Automation, Robotics and Autonomous Systems	Kevin Patel, Project Quality Leader, Futaba North America, Chicago, IL
3	Business Management and Operations Management	
4	Digital Transformation, Industry 4.0 and IoT	Samvid Zare, Amazon Web Services (AWS)
5	Engineering Education and Curriculum Improvement	
6	Engineering Management and Project Management	Jaskaran Dhiman, a Staff NPI Engineer at Kulicke & Soffa, Fort Washington, Pennsylvania
7	Entrepreneurship and Innovation	
8	Facility Planning and Layout	
9	Human Factors, Ergonomics and Healthcare Systems	
10	Lean Six Sigma and Operations Excellence	Kathiresan Jayabalan, Ph.D. Research Scholar, Mastercard Technologies, USA
11	Manufacturing, Assembly and Design	Dr. Hayder Zghair, Assistant Professor of Industrial Engineering, Department of Engineering and Physics, and Director of Industrial Engineering Development, College of Science and Engineering at Southern Arkansas University
12	Quality, Reliability and Maintenance	
13	Simulation, Optimization and Productivity Improvement	Dr. Marwen Elkamel, Post-Doctoral Fellow, Department of Industrial Engineering & Management Systems, University of Central Florida, Orlando, Florida
14	Supply Chain and Logistics	Senthilkumar Thiyagarajan, Sr Analyst Supply Chain, Inventory Management, Medline Industries, LP, Chicago, ILPrabhat Rao Pinnaka, Lowe's
15	Sustainability, Green Systems and Energy	Dr. Marwen Elkamel, Post-Doctoral Fellow, Department of Industrial Engineering & Management Systems, University of Central Florida, Orlando, Florida
16	Case Studies and Best Practices	

Competition Chairs

ID	Competition Name	Competition Chair
1	Undergraduate Student Paper Competition Sponsored by SIEMENS	
2	Undergraduate Research Competition sponsored by Daikin Applied	Dr. Matthew Petering, Associate Professor, Industrial and Manufacturing Engineering, UWM
3	Graduate Student Paper Competition Sponsored by EATON Corporation	Dr. Satya Aditya Akundi, Assistant Professor, Industrial & Manufacturing Engineering, UWM
4	Doctoral Dissertation Competition sponsored by Airbus	Dr. Hamid Seifoddini, Associate Professor, Industrial and Manufacturing Engineering, UWM
5	Master's Thesis Competition	Dr. Rina Ghose, Professor, Industrial & Manufacturing Engineering, UWM
6	Senior Design Project Competition	Dr. Junjie Niu, Richard and Joanne Grigg Professorship and Professor, Industrial & Manufacturing Engineering, UWM
7	High School STEM Competition	
8	AI-ML Competition	Dr. Marwen Elkamel, Post-Doctoral Fellow, Department of Industrial Engineering & Management Systems, University of Central Florida, Orlando, Florida
9	Global Design Competition sponsored by Amatrol Inc.	Md Al Imran, Siemens Industry Inc., Texas, USA
10	Human Factors and Ergonomics Competition	
11	Lean Six Sigma Competition sponsored by Tooling Tech Group	

12	Simulation Competition	Dr. Jaejin Jang, Associate Professor, Industrial & Manufacturing Engineering, UWM
13	Supply Chain and Logistics Competition sponsored by aThingz	
14	Poster Competition	

North American Academic Committee (NAAC)

- Dr. Shahram Taj, Chair and Professor, Department of Data Science & Business Analytics, Florida Polytechnic University, USA
- Dr. M. Affan Badar, CPEM, Professor, Applied Engineering and Technology Management Department, Indiana State University, Terre Haute, Indiana, USA
- Dr. Adedeji Badiru, Dean, Graduate School of Engineering and Management, Air Force Institute of Technology, Wright-Patterson AFB, Ohio, USA
- Dr. Luz María Valdez de la Rosa, Professor of Engineering Department, University of Monterrey, México
- Dr. Ivan Garibay, Associate Professor, Department of Industrial Engineering & Management Systems, University of Central Florida, Orlando, FL, USA
- Dr. Abu Masud, Professor Emeritus, Industrial and Manufacturing Engineering Department, Wichita State University, Kansas, USA
- Dr. Abdur Rahim, University of New Brunswick, Canada
- Dr. Leslie Monplaisir, Professor and Chair, Department of Industrial and Manufacturing Engineering, Wayne State University, Detroit, MI, USA
- Dr. Daw Alwerfalli, Professor and Director of Engineering Management Program, A. Leon Linton Department of Mechanical, Robotics and Industrial Engineering, Lawrence Technological University, Southfoeld, Michigan, USA
- Professor Abdul Mannan, Adjunct Professor, University of the District of Columbia, Washington DC, USA
- Dr. Mukti M. Rana, Delaware State University, Dover, Delaware, USA
- Dr. Mohamed Awwad, Department of Industrial and Manufacturing Engineering at California Polytechnic State University, San Luis Obispo
- Dr. Reza Akhavian, California State University, East Bay
- Dr. Sampson Gholston, University of Alabama in Huntsville
- Dr. Jacqueline Chestnut, North Carolina A&T State University, Greensboro, NC
- Dr. Mohammed Rahman, Central Connecticut State University, USA
- Dr. Hayder Zghair, Assistant Professor of Industrial Engineering in the Department of Engineering and Physics, and the Director of Industrial Engineering Development in the College of Science and Engineering at Southern Arkansas University, USA
- Dr. Andy Pandian, Saginaw Valley State University, Michigan, USA
- Dr. Jay Lee, University of Maryland, USA
- Dr. Devdas Shetty, University of the District of Columbia, Washington, DC, USA
- Dr. Alireza Ghasemi, Dalhousie University, Halifax, NS, Canada
- Dr. Walid Abdul Kader, University of Windsor, Canada

Industry Advisory Committee

- Aaron Rubel, Head of Maintenance Programs Development and Intellectual Property Focal Point, Airbus Mobile Engineering Center, Airbus Americas, Inc., Mobile, Alabama, USA
- Anwar Hossain, Sr. Director at Applied Development Center (ADC), Daikin Applied America, Minneapolis, Minnesota, USA
- Eric Ayanegui, Director Operations Engineering, Cintas Corporation, Houston, Texas, USA
- Foad Hosseinkhanli, Director of Quality Assurance, Performance and Business Improvement, Amor Health Services, Inc., Brownsville, Texas, USA
- Girish Gopalakrishnan, Senior Manager Continuous Improvement – North America, CNH, Milwaukee, USA
- Joseph Ogundu, Emeralds Consulting Inc., Southfield, Michigan, USA
- Kamran Mohammed, Stellantis, Auburn Hills, Michigan, USA
- Mohammad Islam, Associate Director, Optum – United Healthcare Inc., New Jersey, USA
- Neil Murray, Senior Technical Specialist at ZF Group, Farmington Hills, Michigan, USA
- Saiful Siddique, Stellantis, Auburn Hills, Michigan, USA
- Senthilkumar Thiyagarajan, Sr Analyst Supply Chain, Inventory Management, Medline Industries, LP, Chicago
- Steve Marshall is the Senior CFD Expert at Valeo Thermal Systems in Auburn Hills, Michigan USA

- Steve Sibrel, Senior Quality Manager at Harman International, Novi, MI, USA
- Vivekkrishna Ramachandran, Stellantis, Auburn Hills, Michigan, USA

International Advisory Committee

- Dr. Rushan Ziatdinov, Department of Industrial & Management Engineering, Keimyung University, Daegu, South Korea
- Dr. Hamidi Bashir, Chairperson, University of Sharjah, UAE
- Prof. Jose Arturo Garza-Reyes, University of Derby, UK
- Prof. Vikas Kumar, University of Plymouth, UK
- Dr. Olufemi Adetunji, University of Pretoria, South Africa
- Dr. Umar AL-Turki, KAU, Saudi Arabia
- Dr. Abdul Talib Bon, Universiti Tun Hussein Onn Malaysia
- Dr. Moncer Abdelhamid Hariga, American University of Sharjah, UAE
- Dr. Mohammad D. Al-Tahat, The University of Jordan, Amman, Jordan
- Dr. Arun Kumar, RMIT University, Australia
- Dr. Charles Mbohwa, University of South Africa
- Dr. Rosemary Seva, De La Salle University – Manila, Philippines
- Dr. Alfredo Soeiro, University of Porto, Portugal
- Dr. Robert de Souza, The Logistics Institute – Asia Pacific, Singapore
- Dr. Li Zheng, Tsinghua University, China
- Dr. Henk Zijm, University of Twente, Netherlands
- Dr. Qutubuddin SM, PDA College of Engineering, India
- Dr. Manzoor Hussain, JNTUH Hyderabad, India
- Dr. D. K. Banwet, IIT-Delhi, India
- Dr. Abdelaziz Berrado, The Ecole Mohammadia d'Ingénieurs, Rabat, Morocco

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Technical Committee

- Maram Al-Shammari, King Saud University, Riyadh, Saudi Arabia
- Dr. A.O. Adewumi, University of KwaZulu-Natal, South Africa
- Jaskaran Dhiman, a Staff NPI Engineer at Kulicke & Soffa, Fort Washington, Pennsylvania
- Dr. Linda L. Zhang, IESEG School of Management, Lille-Paris, France
- Muhamad Failaka, Senior Process Engineer – Fertilizer & Petrochemical Industry, PT Pupuk Kalimantan Timur

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Student Support Committee / Student Ambassadors

- Dinesh Thalla, MSIE Student, Lawrence Technological University, Michigan, USA
- Aditya Panchal, MSIE Student, Lawrence Technological University, Michigan, USA
- Neel Nayanbhai Panchal, MSIE Student, Lawrence Technological University, Michigan, USA

Conference Schedule

June 8, 2026 (Monday) - Company Visits
10 AM -12 PM: CNH, Racine
12-2 PM: Attendees purchase lunch at the Rockwell Automation Cafeteria
2-4 PM: Rockwell Automation

June 9, 2026 (Tuesday) Morning – UWM New Chemistry Building Auditorium

08:00 - 17:00	Registration	Virtual Zoom Room 6 8:00 – 10:00 Grad Competition 10:00 – 12:00 AI-ML, LSS, Simu Competition 12:00 – 14:00 High School Competition
9:00 – 9:10	IEOM-Milwaukee Conference Co-Chairs and IEOM President's Remarks	
9:10 – 9:20	Prof. Canan Bilen-Green, UWM Vice Provost for Faculty Affairs	
9:20 – 10:00	Opening Keynote: John Miller, Director, Wisconsin Economic Development Corporation	
10:00 - 10:20	Coffee Break	
10:20 - 11:00	University of Wisconsin E-Business Consortium	
11:00 - 11:40	Keynote: Andrew Ellis, VP Global Portfolio Engineering, Rockwell Automation	
11:40 12:20-	VP – Generac Advanced Manufacturing	
12:20 - 13:00	Dr. Jag Sarangapani, William A. Rutledge – Emerson Electric Company Distinguished Professor, Electrical and Computer Engineering Department, Missouri University of Science and Technology, Rolla, MO, USA	

13:00 - 14:30: Lunch Break

14:30 – 18:00 - **Poster Session**

Day 1 Afternoon Session – UWM Engineering Building

	Breakout Room 1	Breakout Room 2	Breakout Room 3	Breakout Room 4	Onsite Room 5	Virtual Room 6
14:30 - 16:00	CI Panel	Reliability Panel	SCM	Grad Competition	PhD, MS Comp	AI and DS
16:00 - 16:30	Break					
16:30 - 18:00	Eng. Education panel	PM Panel	Simu, OPT	UG Comp	High School	LSS
18:00 - 20:00	**Six Sigma Yellow Belt Workshop by Dr. Ahad Ali**					UG Comp

June 10, 2026 (Wednesday) – UWM New Chemistry Building Auditorium

08:00 - 17:00	Registration	Virtual Zoom Room 6 8:00 – 10:00 Simu, OPT 10:00 – 12:00 SCM 12:00 – 14:00 SCM
9:00 – 9:20	Opening remarks: UWM College of Engineering and Applied Science, Associate Dean of Research	
9:20 – 10:00	Keynote: Joe Hamman, Executive Director, UWM Connected Systems Institute	
10:00 - 10:40	Keynote:	
10:40 - 11:20	Keynote: Michael Cook, Director of Industry-Academia Engagement, Rockwell Automation	
11:20 - 11:40	Break	
11:40 12:20-	Keynote: John Dyck, Chief Executive Officer, CESMII, The Smart Manufacturing Institute	
12:20 - 13:00	Keynote: Dr. Anthony Rollett, U.S. Steel Professor of Metallurgical Engineering and Materials Science and University Professor, Materials Science and Engineering Co-Director of the NASA STRI IMQCAM and the NextManufacturing Center Carnegie Mellon University, Pittsburgh, Pennsylvania	

13:00 - 14:30: Lunch Break

Day 2 Afternoon Session – UWM Engineering Building

	Breakout Room 1	Breakout Room 2	Breakout Room 3	Breakout Room 4	Breakout Room 5	Virtual Zoom Room 6
14:30 - 16:00	SCM Panel	Innovation Panel	AI and DS	LSS	Sustainability	SCM
16:00 - 16:30	Break					
16:30 - 18:00	Women WIIA Panel	**AI Workshop by Tariq Alam**	Automation, Robotics		HF and Ergo	AI and DS
18:00 – 20:00	**18:00 - 20:00 (Day 2) – Awards Dinner**					Sr. Design Competition

June 11, 2026 (Thursday) – UWM New Chemistry Building Auditorium

08:00 - 17:00	Registration	Virtual Zoom Room 6 8:00 – 10:00 Sustainability 10:00 – 12:00 AI and DS 12:00 – 14:00 Simu OPT	Virtual Zoom Room 7 8:00 – 10:00 Engineering Education 10:00 – 12:00 Automation 12:00 – 14:00 BM and OM
9:00 – 9:40	Keynote: Northwestern Mutual, VP, Data Science and Analytics		
9:40 – 10:20	Keynote: Dr. Keuter Tucker, Data Science Manager, Charter Steel		
10:20 - 11:00	Panel: Workforce Development in Automation: Area Community Colleges (Moderator: W. Otieno)		
11:00 - 11:30	Break		
11:30 - 12:00	Dr. Alejandro Hernández González Professor of Electrochemistry, Manufacturing Processes, and Dynamics Faculty of Chemical Sciences Universidad Juárez del Estado de Durango (UJED), Durango, Mexico		
12:00 - 12:30	Monica L. Davis, Sr. HR Leader and Certified Professional in Human Resources (PHR), Delek US Holdings, Inc. Texas, USA		
12:30 - 13:00	Keynote: Dr. Maria Auxiliadora Cannarozzo Tinoco Chair of the Department of Industrial Engineering and Transportation Associate Professor in the Department of Industrial Engineering Universidade Federal do Rio Grande do Sul (UFRGS), Brazil		

13:00 - 14:30: Lunch Break

Day 3 Afternoon Session – UWM Engineering Building

	Breakout Room 1	Breakout Room 2	Breakout Room 3	Breakout Room 4	Breakout Room 5	Virtual Zoom Room 6	Virtual Zoom Room 7
14:30 - 16:00	AI and DS	Eng Edu	EM and PM	DM and Industry 4.0	BM and OM	EM and PM	LSS Panel Online
16:00 - 16:30	Break						
16:30 - 18:00	SCM	Case Studies	Quality and Rel.	HF and Ergo		DM and Industry 4.0	PPAP Panel Online
18:00 - 20:00	**Simulation Workshop by Dr. Ahad Ali** Select a Real Life Project, Data Collection, Distribution, Simulation Models, Results, Improvements, and DOE					AI and DS	HF and Ergo

June 12, 2026 (Friday) - Company Visit
9-11 AM: Visit to Komatsu Mining

June 9, 2026 (Tuesday)

07:00 - 17:00 Registration and Networking

June 9, 2026 (Tuesday) - Session: 9:00 – 13:00

9:00 – 13:00, Tuesday **Onsite Auditorium**

Opening and Keynotes

08:00 - 17:00 Registration
9:00 – 9:10 IEOM-Milwaukee Conference Co-Chairs and IEOM President's Remarks
9:10 – 9:20 Prof. Canan Bilen-Green, UWM Vice Provost for Faculty Affairs
9:20 – 10:00 Opening Keynote: John Miller, Director, Wisconsin Economic Development Corporation
10:00 - 10:20 Coffee Break
10:20 - 11:00 University of Wisconsin E-Business Consortium
11:00 - 11:40 Keynote: Andrew Ellis, VP Global Portfolio Engineering, Rockwell Automation
11:40 12:20- VP – Generac Advanced Manufacturing
12:20 - 13:00 Dr. Jag Sarangapani, William A. Rutledge – Emerson Electric Company Distinguished Professor, Electrical and Computer Engineering Department, Missouri University of Science and Technology, Rolla, MO, USA

June 9, 2026 (Tuesday) - Session: 8:00 – 10:00

8:00 – 10:00, Tuesday **Virtual Zoom Room 5**

Session Chair:

Graduate Student Paper Competition Sponsored by EATON Corporation – Online

85 CNC Machine Selection Using Annual Cash Flow Analysis for a Medical Device Machine Shop Graduate Student Paper Competition Sponsored by EATON Corporation Alexander Collado Méndez Indiana State University United States
134 Extent of 3D Printing Use in Manufacturing and Service Sector: A Literature Review supported by Case Study Graduate Student Paper Competition Sponsored by EATON Corporation Biszan Mukwelle Minnesota State University Mankato United States
165 Integrating Smart Thermostat and Weather Forecasting Data for Real-Time HVAC Efficiency Optimization in Residential Buildings Graduate Student Paper Competition Sponsored by EATON Corporation Yaman Pandey Minnesota State University, Mankato United States
223 Preparation and Quality Evaluation of Cookies Incorporated with Chickpea and Corn Flour Graduate Student Paper Competition Sponsored by EATON Corporation Aakriti Kuikel University of Wisconsin, Stout United States
334 Organizational and Technological Factors in EHR Optimization and Interoperability: Literature Review of Post-Implementation Outcomes in Under-Resourced U.S. Healthcare Settings Graduate Student Paper Competition Sponsored by EATON Corporation Elshadie Zergaw Minnesota State University, Mankato United States
338 Green Supply Chain Management Integration in the Oil and Gas Sector: Alignment with a National Producer Company's Net-Zero 2050 Roadmap Graduate Student Paper Competition Sponsored by EATON Corporation Shahla Mohammed Alfahdi Middle East College Oman

June 9, 2026 (Tuesday) - Session: 10:00 – 12:00

10:00 – 12:00, Tuesday **Virtual Zoom Room 5**

Session Chair:

AI-ML Competition

154 Active Learning for Scalable Set-Based Design in High-Dimensional End-State Spaces AI-ML Competition Sara Masoud Wayne State University United States
131 Lightweight Machine Learning-Based Dynamic Load Balancing for Distributed Object Storage Systems AI-ML Competition Naman Subedi Lamar University United States

Lean Six Sigma Competition

15 Mechanical Design Cost Reduction Medical Simulator Lean Six Sigma Competition sponsored by Tooling Tech Group Meghana Ramoju University of Illinois at Urbana-Champaign United States

Simulation Competition

249 Design and Development of a Borehole Water Pump for Rural Areas Simulation Competition Motsi Ephrey Matlakala University of Johannesburg, Department of Mechanical and Industrial Engineering, South Africa

Doctoral Dissertation Competition sponsored by Airbus

361 LEVERAGING LEAN SIX SIGMA TO BRIDGE THE MIDDLE-SKILLS GAP Doctoral Dissertation Competition sponsored by Airbus LaTasha Starr Texas A&M University United States
385 Calibrating Digital Twins in Rapidly Changing Systems Doctoral Dissertation Competition sponsored by Airbus YongseokJeon North Carolina State University United States

Global Design Competition sponsored by Amatrol Inc.

323 Zero Code AI: Transforming K 12 STEM Education through No Code Robotics and Innovation Global Design Competition sponsored by Amatrol Inc. Unais Ali Eastern Michigan University United States

Human Factors and Ergonomics Competition

312 Behavioral Determinants of Occupational Safety Implementation in Indonesian Nickel Mining Human Factors and Ergonomics Competition Nur Ilmi Aulia Ahlan Hasanuddin University Indonesia

Supply Chain and Logistics Competition sponsored by aThingz

337 An Integrated Multi-Level Strategic Framework for Warehouse Location Selection in Rapidly Growing Distribution Networks Supply Chain and Logistics Competition sponsored by aThingz Muhamad Fariz Failaka Chemical Engineering Department, University of Waterloo Canada
380 Lean-Driven Supply Chain Optimization via Multi-Agent Integrated Machine Learning Supply Chain and Logistics Competition sponsored by aThingz Manonmani Sekar Oakland University United States

June 9, 2026 (Tuesday) - Session: 12:00 – 14:00

12:00 – 14:00, Tuesday **Virtual Zoom Room 5**

Session Chair:

High School STEM Competition

ID 281 Investigating the application of silver nanoparticles made from the green synthesis of banana pseudostem on anti scratch eczema mittens. High School STEM Competition Woranun Atikarnbodee Shrewsbury International School, Thailand Thailand
ID 38 A High-Performance Simulation Framework for Accelerating the Design of Origami-Inspired Structures High School STEM Competition Leon Le The Harker School United States
ID 42 Adaptive Performance Engineering System for Mitigating Math Anxiety in Children High School STEM Competition Sofia Roberto Colégio Estadual Marli Queiroz de Azevedo Brazil
ID 113 Feasibility Modeling and Validation of Intelligent Automation Integration in Manufacturing Supply Chains High School STEM Competition Vedant Mahadik Vivekanand College of Human Exllence, KoregaonIndia
ID 208 GridGuardian: A National-Scale Digital Twin Utilizing Multi-Head Self-Attention Bi-LSTMs and Physics-Based Simulations for Power Grid Resiliency High School STEM Competition Aditya Vengata Dublin High School United States
ID 246 Instruction Cache Optimization in VexRiscv RISC-V Processors: A Quantitative Analysis for Embedded FPGA and ASIC Applications High School STEM Competition Wadood Wasay Poolesville High School United States
ID 247 Lightning-Inspired Transient Energy Storage Model for Renewable Grid Stability High School STEM Competition Aryan Baghel Ryan International School India
ID 289 Mini Carbon Dioxide Capture System Design High School STEM Competition GÖZDE KAVAK Özel Çankaya Beştepe Koleji Ortaokulu Turkey
ID 39 NOVA: A Neurofeedback-Optimized Virtual Assistant with Local Large Language Model Integration High School STEM Competition Leon Le The Harker School United States

ID 203 Optimizing Grocery Store Placement to Address Food Desert Inequity in Cook County: A Maximal Covering Location Approach High School STEM Competition Austin Wu James B. Conant High School United States
ID 167 Present Bias and Short-Form Content Addiction on Social Media Platforms: A Game-Theoretic Model High School STEM Competition Yilin Guo College Park High School United States
ID 206 Real Time Industrial Energy Monitoring Using IoT and Edge Computing for Sustainability and Carbon Tracking High School STEM Competition Aditya Goel AeiX India
ID 330 Bio-based Materials for Moisture-Resistant Refugee Housing: A Comparative Study of Cork, Timber, and Bamboo High School STEM Competition Varsha Ayalasomayajula The Madeira School United States

13:00 – 14:30 Lunch Break

June 9, 2026 (Tuesday) - Session: 14:30 – 16:00

14:30 – 16:00, Tuesday **Onsite Room 1**

Contonuous Improvement Panel

Panel Chair

Girish Kumar Gopalakrishnan, MS, CMBB, CSSBB, CMQ-OE
Senior Manager – Continuous Improvement – CNH
Senior Member – IEOM Society International

Speaker I

Thomas (Thom) Terence Keehan
Founder & CEO of Enterprise Kaizen
Milwaukee, Wisconsin

Speaker II

Siva Ravi
Director of Operations Excellence
Marketing Card Technology, LLC
Chicago, IL

Speaker III

Paul Augustine
Senior Engineering Manager
Trane Technologies
La Crosse, Wisconsin

Speaker IV

Iftekharuddin Khan
Industrial and Manufacturing Engineering Department
University of Wisconsin – Milwaukee

June 9, 2026 (Tuesday) - Session: 14:30 – 16:00

14:30 – 16:00, Tuesday **Onsite Room 2**

Reliability Panel

Panel Chair

Tim Rautmann, CRL, PPOE1, MLT
Corporate Engineering Director
CINTAS Corporation
Milwaukee, Wisconsin
Speaker I

Kevin Spiegl
Regional Reliability Engineer
CINTAS Corporation
Franklin, Wisconsin
Speaker II

Speaker III

Eric Ayanegui, CPMM, CRL
Director Operations Engineering
Cintas Corporation
Houston, Texas
United States
Mr. Eric Ayanegui is currently the director of Operations Engineering of CINTAS. As one of the technical leaders at CINTAS, he has been directing engineering, reliability, quality and safety initiatives across 210 industrial sites across North America and China. He has over 20 years of experience in the industrial laundry industry and has been involved in industrial leading efforts in Reliability and Safety. He is a member of the CINTAS Corporate Executive Faculty teaching Reliability and a certified Plant Maintenance Manager and Certified Reliability Leader. He is a member of Industrial Engineering Academy of Distinguished Alumni of UH and has served on the advisory board of Industrial Engineering Department at UH since 2015. He holds a BS degree in Industrial Engineering from the University of Houston.

Speaker IV

Kevin Patel
Project Quality Leader
Futaba North America, Chicago, IL, USA

June 9, 2026 (Tuesday) - Session: 14:30 – 16:00

14:30 – 16:00, Tuesday **Onsite Room 3**

Session Chair:

Supply Chain and Logistics

ID 91 Design of a Supply Chain for the Reduction of Perishable Food Waste in Colombia, Considering the Regulatory Framework Supply Chain and Logistics Luisa Fernanda Jimenez Universidad de Antioquia Colombia
ID 188 Integrated Adaptive Quantum Inspired- Red Fox Optimization Algorithm for Container Storage Allocation Problem Supply Chain and Logistics Hop Nguyen Van International University Vietnam
ID 3 INTERACTION BETWEEN INFORMAL AND FORMAL SUPPLY CHAINS: A SYSTEMATIC LITERATURE REVIEW Supply Chain and Logistics PROSPER KONLAN Cranfield University United Kingdom
ID 55 Rapid Manufacture of Backup Power Energy Infrastructure for AI Data Centers Supply Chain and Logistics Maheshkumar Patil Generac Power Systems United States
ID 54 Resilient Manufacturing - Mitigating Input Cost Spikes and Tariff impact with AIML-Powered Integrated Business Planning Supply Chain and Logistics Maheshkumar Patil Generac Power Systems United States
ID 56 The Analysis of Advantages and Norms of Outsourcing Logistics Operational Activities in the Construction Industry in South Africa Supply Chain and Logistics Xhanti Dyonase Durban University of Technology South Africa
ID 22 Towards a Fair and Transparent Fuel Surcharge Mechanism in Truck Transportation: Incorporating Regional Diesel Price Variations and Payload Dependent Fuel Economy Supply Chain and Logistics Vignesh Jairaj Asahi Kasei Plastics United States
ID 238 Why Agentic AI Stalls in Supply Chains: Insights from 32 Industry Leaders and a Framework for Foundational Enablement Supply Chain and Logistics Prabhat Rao Pinnaka Lowe's United States

June 9, 2026 (Tuesday) - Session: 14:30 – 16:00

14:30 – 16:00, Tuesday **Onsite Room 4**

Session Chair:

Graduate Student Paper Competition Sponsored by EATON Corporation

ID 183 Simulation as a Strategic Decision-Support Tool: A Review of Current Practices and Future Directions Graduate Student Paper Competition Sponsored by EATON Corporation Hayder Zghair Southern Arkansas University United States
ID 181 From Data to Decisions: Using AI-Driven Health Analytics to Support Proactive and Preventive Care in Resource-Constrained Settings Graduate Student Paper Competition Sponsored by EATON Corporation Hayder Zghair Southern Arkansas University United States
ID 182 Predicting and Reducing Product Returns in Modern Retail Graduate Student Paper Competition Sponsored by EATON Corporation Hayder Zghair Southern Arkansas University United States
ID 166 Reliability Analysis of High-Speed Machine Vision Inspection in Automated Bottling Systems: A Comparative Study of Static vs. Dynamic Performance Graduate Student Paper Competition Sponsored by EATON Corporation Sesha Raghavendra Srinivas Subnivis Purdue University Northwest United States
ID 115 Strategic Economic Evaluation of Microsoft's Post-Acquisition Gaming Portfolio Graduate Student Paper Competition Sponsored by EATON Corporation Brett Hancock Indiana State University United States
ID 260 Toward Integrated AI-Powered Autonomous Agents for End-to-End Data Analysis and Task Automation Graduate Student Paper Competition Sponsored by EATON Corporation Hayder Zghair Southern Arkansas University United States
ID 331 Automating Six Sigma Project Selection Through Analytic Network Process Onsite Oral Graduate Student Paper Competition Sponsored by EATON Corporation Michael Carr Oakland University United States

June 9, 2026 (Tuesday) - Session: 14:30 – 16:00

14:30 – 16:00, Tuesday **Onsite Room 5**

Session Chair:

Doctoral Dissertation Competition sponsored by Airbus

ID 216 A Policy-Based Rough Optimization with Large Neighborhood Search for Dual-Resource Flexible Job Shop Scheduling Under Time-of-Use Electricity Tariffs Doctoral Dissertation Competition sponsored by Airbus Saurabh Singh Wichita State University United States

Master's Thesis Competition

ID 59 Geothermal Surface-Water Use in Lake Michigan: Intake Siting and Life-Cycle Decision Framework for Discovery World (Milwaukee, WI) Master Thesis Competition Madison Roeber Milwaukee School of Engineering United States

AI-ML Competition

ID 286 AI-Based Automated Writing Feedback System for Student Improvement AI-ML Competition Taha Nazir Independent Researcher United States

June 9, 2026 (Tuesday) - Session: 14:30 – 16:00

14:30 – 16:00, Tuesday **Virtual Zoom Room 6**

Session Chair:

Artificial Intelligence and Data Science

ID 150 A Large-Scale Comparative Study of Machine Learning, Deep Learning, and Transformer Models for Persian E-Commerce Sentiment Analysis Artificial Intelligence and Data Science Sara Masoud Wayne State University United States
ID 214 A Multi-stage Energy Optimization Framework for Large Language Models Under Uncertainty Artificial Intelligence and Data Science AbdulelahAlathwan King khaled university Saudi Arabia
ID 215 A Systematic Benchmark of Machine Learning Models for Last-Mile Delivery Delay Prediction with Interpretability Analysis Artificial Intelligence and Data Science Arvin Bahreini University of Oregon United States
ID 189 AI Based Garments Manufacturing Artificial Intelligence and Data Science Shibbir Ahmad DUET Bangladesh
ID 95 AI-Driven Two-Stage Stochastic Optimization for Autonomous Renewable Microgrids under Uncertainty Artificial Intelligence and Data Science Carlos Marino CENTRUM PUCP Graduate Business School Peru
ID 92 An AI-Governance Framework for Intelligent Decision-Making in Mineral Resource Management Artificial Intelligence and Data Science Oladeji Ige Durban University of Technology South Africa

14:30 – 18:00, June 9, 2026 – Tuesday – **Posters**

ID 1 Exploring impact of Artificial Intelligence and Data Science Towards Nigeria Industry Development and Global Competitiveness Onsite Poster Artificial Intelligence and Data Science Iruka Chijindu Anugwo Durban University of Technology South Africa
ID 45 Advancing Sustainable Logistics through Green Practices and Multimodal Transportation in 2026 Onsite Poster Supply Chain and Logistics Narges Panah Khoda MOM Canada
ID 213 An Interpretable XGBoost and GPT-Assisted Data Lakehouse Model for Predicting Community-Level Chronic Illness and Long COVID Vulnerability Scores Onsite Poster Artificial Intelligence and Data Science Ronish Shrestha Lamar University United States
ID 161 Analysis of Increased Production Capacity in a Manufacturing Company Using the A3 Report Onsite Poster Case Studies and Best Practices María de los Angeles Martínez-Mercado Universidad Autónoma de Nuevo León Mexico
ID 155 Chiller Assembly Line Optimization Using a Six Sigma DMAIC Approach Onsite Poster Lean Six Sigma and Operations Excellence Azucena Minerva García-León Universidad Autónoma de Nuevo León Mexico
ID 156 Digital Twin Experimentation to Evaluate the Complementarity Between Lean Maturity and Industry 4.0 Adoption Onsite Poster Digital Manufacturing, Industry 4.0 and IoT Mauricio Torres-Torres UNIVERSIDAD AUTÓNIOMA DE NUEVO LEÓN Mexico
ID 190 Digitizing Manufacturing Systems through Digital Twin Driven Virtual Platform Onsite Poster Digital Manufacturing, Industry 4.0 and IoT Faria Bhuiya University of Wisconsin-Milwaukee United States
ID 184 Integrating Location-Based Engagement Analytics into Augmented Reality Invasive Species Education Systems Onsite Poster Artificial Intelligence and Data Science Michael Dakeev Sam Houston State University United States
ID 207 Microplastic-Induced Changes in Common Bean Rhizosphere Bacterial Communities Revealed by 16S rRNA Sequencing Onsite Poster High School STEM Competition Suyeon Moon McLean High School United States
ID 164 Productivity Improvement and Operational Efficiency in Office Furniture Manufacturing: a work study case in Northeastern México Onsite Poster Case Studies and Best Practices Elva Patricia Puente Aguilar Universidad Autónoma de Nuevo León Mexico
ID 49 SYNAPSE-X : Fidelity-Aware Explainable Optimized Pipeline for Multi-Class Brain Tumor MRI Onsite Poster Artificial Intelligence and Data Science Sadaf Tabatabaee Binghamton University United States
ID 320 How Can Artificial Intelligence–Driven Predictive Analytics Improve the Efficiency, Equity, and Accountability of Public Sector Resource Allocation in the United States? Onsite Poster Artificial Intelligence and Data Science Regina Debrah University of South Dakota United States
ID 335 End-to-End Computer Vision Pipeline for Perforation Defect Detection and Classification in Industrial Imaging Onsite Poster Senior Capstone Design Project Competition Junghyun Yun University of Wisconsin-Madison United States

16:00 – 16:30 – Break

June 9, 2026 (Tuesday) - Session: 16:30 – 18:00

16:30 – 18:00, Tuesday **Onsite Room 1**

Panel on IEOM Curriculum and Engineering Education with AI Integration

Panel Chair

Dr. Luis Rabelo
Professor
Department of Industrial Engineering & Management Systems
University of Central Florida
Orlando, FL, USA

Speaker I

Dr. Gloria Guadalupe Navarro, EdD
Chief Executive Officer
Rex Academy (Rex K-12)
Milwaukee, Wisconsin

Presentation Title: Best Practices for Modernizing Industrial Engineering Curricula: Insights from Benchmarking Initiatives in Developing Countries

Dr. Maria Auxiliadora Cannarozzo Tinoco
Associate Professor in Industrial Engineering
Universidade Federal do Rio Grande do Sul (UFRGS), Brazil

Dr. Joana Siqueira de Souza
Associate Professor in Industrial Engineering
Universidade Federal do Rio Grande do Sul (UFRGS), Brazil

Dr. Rafael Faermann Korman
Co-founder and Director of Autonomia and founder of Instituto DEEP Nexus, Brazil

June 9, 2026 (Tuesday) - Session: 16:30 – 18:00

16:30 – 18:00, Tuesday **Onsite Room 2**

Panel on Project Management

Panel Chair

Priyanka Malla, PMP,
Information Technology Project Manager, FBM
IEEE Senior Member | IEEE Orange County Section Secretary Officer

Panel Speaker I

Panel Speaker II

Panel Speaker III

Panel Speaker IV

June 9, 2026 (Tuesday) - Session: 16:30 – 18:00

16:30 – 18:00, Tuesday **Onsite Room 3**

Session Chair:

Simulation, Optimization and Productivity Improvement

ID 211 A Multi-Criteria Decision Framework for Dynamic Work Order Prioritization in Multi-Constrained Manufacturing Environments. Simulation, Optimization and Productivity Improvement Nidhi Hiran Binghamton University United States

ID 279 Analysis of Batch vs. One-Piece Flow Manufacturing of Spherical Bearing Assembly Process Simulation, Optimization and Productivity Improvement Moh'd Ragheb El-Sharo Western Washington University United States
ID 237 Building Trust in Black-box Optimization: A Comprehensive Framework for Explainability Simulation, Optimization and Productivity Improvement Dr. Hadis Anahideh University of Illinois Chicago, USA United States
ID 51 Comparative Numerical Modeling of Wear Evolution Using Archard-Based Hyperbolic and Parabolic Formulations Simulation, Optimization and Productivity Improvement Narasimha Rao R National Institute of Technology Warangal India
ID 81 Efficient Geographic Tiling System for JPEG2000 Satellite Imagery with Automated Coordinate Transformation and IDataMap Integration Simulation, Optimization and Productivity Improvement Pranshu Desai SUNY Binghamton United States
ID 110 Hospital Surgery Scheduling Optimization System: Development and Application Based on Image Recognition and AI Algorithms Simulation, Optimization and Productivity Improvement Yao-Te Tsai National Kaohsiung University of Science and Technology Taiwan
ID 122 Modeling the Decoupling of Labor and Production Under Rapid AI Advancement Simulation, Optimization and Productivity Improvement Aaron Armstrong Concordia University Wisconsin United States
ID 388 Agent-Based Simulation of Cooperative Dairy Systems in NetLogo Onsite Simulation, Optimization and Productivity Improvement Lindsay Álvarez Pomar Universidad Distrital Francisco José de Caldas Colombia

June 9, 2026 (Tuesday) - Session: 16:30 – 18:00

16:30 – 18:00, Tuesday **Onsite Room 4**

Session Chair:

Undergraduate Student Paper Competition Sponsored by SIEMENS

ID 93 Human-Artificial Intelligence Interface (HAII): A Theoretical Framework Undergraduate Student Paper Competition Sponsored by SIEMENS Farjin Rahman Shahjalal University of Science and Technology Bangladesh
ID 53 Strategic and Operational Improvement in a Mexican high-volume distribution center Undergraduate Student Paper Competition Sponsored by SIEMENS Ana Torres Universidad Iberoamericana Mexico

Senior Capstone Design Project Competition

ID 162 Interactive Outdoor Learning Center: Smart Irrigation for Hands-On STEM Learning Senior Capstone Design Project Competition Md Shahriar Hossain Northwestern State University United States
ID 277 Compressed Air Monitoring System (CAMS) Senior Capstone Design Project Competition Andrew Day Miami University Cincinnati Ohio United States

June 9, 2026 (Tuesday) - Session: 16:30 – 18:00

16:30 – 18:00, Tuesday **Onsite Room 5**

High School STEM Competition

ID 278 AI-Driven Triage and Flow Optimization in Emergency Departments: A Stochastic Modeling Approach High School STEM Competition Assel Sabyrbek Gymnasium №1 named after Alikhan BokeikhanovKazakhstan
ID 285 AI-Powered Writing Feedback System for Student Improvement High School STEM Competition Taha Nazir Independent Researcher United States
ID 68 Bacterial Cellulose Based Scaffolds for Controlled Oxygen Delivery in Low-Resource Regions High School STEM Competition Goutham Koppolu Independent United States
ID 242 Stress-Conditioned Monte Carlo Modeling of Stockout Risk on the Savannah-Atlanta Lane High School STEM Competition Neil Sharma Independant United States
ID 94 Trash Dolphin High School STEM Competition chuck balogh Ironwood High School United States
ID 390 Low-Cost Ear-Wearable Physiological Monitoring System with CNN-LSTM Anomaly Detection for Early Stroke Risk Pattern Detection Onsite High School STEM Competition pritika ganguly Metea Valley High school United States

June 9, 2026 (Tuesday) - Session: 16:30 – 18:00

16:30 – 18:00, Tuesday **Virtual Zoom Room 6**

Lean Six Sigma and Operations Excellence

ID 194 Application of Lean Principles to Reduce Waste in the Stamping Process of Automotive Parts Lean Six Sigma and Operations Excellence Seksan Wanchai Suranaree University of Technology Thailand
ID 13 LEAN DAILY MANAGEMENT DASHBOARD DESIGN INTEGRATION Lean Six Sigma and Operations Excellence Bhavana Chintala University of Illinois, Urbana-Champaign United States
ID 70 Process Maturity as a Foundation for Digital Transformation: An Empirical Lean Six Sigma Study of Warehouse Operations Lean Six Sigma and Operations Excellence Shireen Al-Hourani University Canada West Canada
ID 4 The use of value stream mapping to strategic planning Lean Six Sigma and Operations Excellence Brian Galli Texas State University United States

ID 220 Reducing Small Satellite Mission Failures through Model-Based Systems Engineering: A SysML-Driven Case Study
Quality, Reliability and Maintenance Iqtiar Siddique The University of Texas at El Paso United States

June 9, 2026 (Tuesday) - Session: 18:00 – 20:00

18:00 – 20:00, Tuesday **Onsite Room 1**

Session Chair:

Six Sigma Yellow Belt Workshop

June 9, 2026 (Tuesday) - Session: 18:00 – 20:00

18:00 – 20:00, Tuesday **Virtual Zoom Room 5**

Session Chair:

Undergraduate Student Paper Competition Sponsored by SIEMENS

ID 16 Defect Rate Reduction Through the Application of Standard Work, BPM and Poka Yoke in an SME in the Plastics Sector
Undergraduate Student Paper Competition Sponsored by SIEMENS Gino Viacava-Campos Universidad de Lima Peru
ID 63 Improving flow material processes through Operational Excellence methodologies Undergraduate Student Paper Competition Sponsored by SIEMENS Maite Garcia Universidad Iberoamericana Mexico
ID 61 Improving Production Efficiency in a Chocolate SME through Continuous Flow, SMED and Poka-Yoke Undergraduate Student Paper Competition Sponsored by SIEMENS Camila Panta-Mejia Universidad de Lima Peru
ID 67 Optimization of Service Level through Machine Learning, Linear Programming, and Standard Work in a Dark Kitchen
Undergraduate Student Paper Competition Sponsored by SIEMENS Esteban Puerta-Roman Universidad de Lima Peru
ID 87 Year-Long Senior Design Project Experience for Solving Practical Industry Problems in the Engineering Technology Program
Undergraduate Student Paper Competition Sponsored by SIEMENS Md Shahriar Hossain Northwestern State University
United States
ID 365 Capability-Based Framework for Standardizing Maintenance and Knowledge Management in Military Ground Support Equipment: Case Study in the Colombian Aerospace Force Undergraduate Student Paper Competition Sponsored by SIEMENS Sandra Milena Vargas Sarmiento Universidad Central de Colombia Colombia

Undergraduate Research Competition sponsored by Daikin Applied

ID 88 Study of Environmental parameters of classroom settings for elementary school education Undergraduate Research Competition sponsored by Daikin Applied Md Shahriar Hossain Northwestern State University United States

June 10, 2026 (Wednesday)

07:00 - 17:00 Registration and Networking

June 10, 2026 (Wednesday) - Session: 9:00 – 13:00

9:00 – 13:00, Wednesday **Onsite Auditorium**

Opening and Keynotes

08:00 - 17:00 Registration
9:00 – 9:20 Opening remarks: UWM College of Engineering and Applied Science, Associate Dean of Research
9:20 – 10:00 Keynote: Joe Hamman, Executive Director, UWM Connected Systems Institute
10:00 - 10:40 Keynote:
10:40 - 11:20 Keynote: Michael Cook, Director of Industry-Academia Engagement, Rockwell Automation
11:20 - 11:40 Break
11:40 12:20- Keynote: John Dyck, Chief Executive Officer, CESMII, The Smart Manufacturing Institute
12:20 - 13:00 Keynote: Dr. Anthony Rollett, U.S. Steel Professor of Metallurgical Engineering and Materials Science and University Professor, Materials Science and Engineering
Co-Director of the NASA STRI IMQCAM and the NextManufacturing Center
Carnegie Mellon University, Pittsburgh, Pennsylvania

June 10, 2026 (Wednesday) - Session: 8:00 – 10:00

8:00 – 10:00, Wednesday **Virtual Zoom Room 5**

Session Chair:

Simulation, Optimization and Productivity Improvement

ID 153 A Greedy First-Fit Heuristic for Reallocating Outpatient Surgeries from Main OR to Ambulatory Surgery Center Simulation, Optimization and Productivity Improvement Ahmed Qasem University of Aalabama at Birmingham United States
ID 273 A Multi-Method Framework Integrating MCDM and Explainable Machine Learning to Assess Sustainability–Well-Being Linkages Across Diverse Economies Simulation, Optimization and Productivity Improvement Abdullah Akman DEMİRKAN Gaziantep University Turkey
ID 133 Activity-Based Cost Analysis Through WITNESS 27 Discrete Event Simulation Modeling Simulation, Optimization and Productivity Improvement Neil Murray Lawrence Technological University United States
ID 123 Adaptive PID Control for Manufacturing Process Optimization: A Multi-Objective Industrial Engineering Decision Framework Using AHP and Simulation Modelling Simulation, Optimization and Productivity Improvement Oladeji Ige Durban University of Technology South Africa
ID 40 An Operations Research Framework for Optimizing Large Language Model (LLM) Systems Simulation, Optimization and Productivity Improvement Leon Le The Harker School United States
ID 264 Data-Driven Analysis and Scenario Modeling of Hurricanes Simulation, Optimization and Productivity Improvement Rudra Brahmbhatt University of New Haven United States
ID 239 Experimental Evaluation of Fan Speed Control and Physical Placement Effects on Thermal Performance of a Hybrid Liquid–Air Cooled Desktop System Simulation, Optimization and Productivity Improvement Sheriff Ayofe Minnesota State University, Mankato MN United States

June 10, 2026 (Wednesday) - Session: 10:00 – 12:00

10:00 – 12:00, Wednesday **Virtual Zoom Room 5**

Session Chair:

Supply Chain and Logistics

ID 64 A Quality-Driven MILP Framework for Perishable Supply Chain with Arrhenius Degradation Kinetics Supply Chain and Logistics Damilola Badejo Texas A&M University Kingsville United States
ID 248 An Adaptive Reinforcement Learning Framework for Real-Time Supply Chain Routing Under Dynamic Economic and Weather Disruptions Supply Chain and Logistics Abhishek Kumar Kuehne & Nagel Inc. United States
ID 202 Attributing Inventory Performance via Shapley-Based Counterfactual Decomposition Supply Chain and Logistics LU XU The University of Tokyo United States
ID 18 From Compliance to Competitiveness; A Case Analysis of Tariff Classification as a Strategic Lever for Cost Optimization and Risk Mitigation at ARGO-HYTOS US (AHUS). Supply Chain and Logistics Halima Rube ARGO HYTOS US United States
ID 322 Study of Inbound and Outbound Logistics to Enhance Supply Chain Sustainability of Companies. Supply Chain and Logistics Halaa Dhahi Al Maymani Middle East College Oman
ID 324 Improving Supply Chain Efficiency Through Procurement Processes and Supplier Management at Oman Broadband Company Supply Chain and Logistics sara saud middle East College Oman
ID 356 AI-Driven Supply Chain Management In Healthcare: Evaluating Institutional Readiness From Public Tertiary Hospitals In Ghana. Supply Chain and Logistics Nana Agyeman-Prempeh Ghana Communication Technology University Ghana

June 10, 2026 (Wednesday) - Session: 12:00 – 14:00

12:00 – 14:00, Wednesday **Virtual Zoom Room 5**

Session Chair:

Supply Chain and Logistics

ID 90 Robust Vendor Managed Inventory Optimization with Stochastic Nonlinear Inverse Demand: A Data-Driven Swarm Intelligence Approach Supply Chain and Logistics Arvin Bahreini University of Oregon United States
ID 114 Supply Chain Optimization for Food Security: An Industrial Management Perspective Supply Chain and Logistics Oluwafunmise Fifo Texas A&M University-Kingsville United States
ID 199 The Collaboration Paradox: Why Generative AI Requires Both Strategic Intelligence and Operational Stability in Supply Chain Management Supply Chain and Logistics Soumyadeep Dhar Indian Institute of Technology, Kharagpur India
ID 290 Toward Farmer Centric AI in Agricultural Supply Chains, A Pilot Fuzzy Classifier Study Fasal AI Dost (Crop's AI Friend) Supply Chain and Logistics Shraddha Gawankar Beacom School of Business, University of South Dakota United States

ID 386 From Drain to Energy: A Carbon-Aware AI Framework for Expired Milk Reverse Logistics Supply Chain and Logistics Jayank Maanas Ranganadham Purdue University Northwest United States

13:00 – 14:30 Lunch Break

June 10, 2026 (Wednesday) - Session: 14:30 – 16:00

14:30 – 16:00, Wednesday **Onsite Room 1**

Supply Chain Management Panel

Panel Chair

Senthilkumar Thiyagarajan, Ph.D.
Senior Supply Chain Analyst
Medline Industries, LP
Northfield, Illinois, USA
Board of Director, Logistics and Supply Chain Division – IISE
Content Management Committee Leader, Supply Chain Management, Quality Management Division, American Society for Quality
Board Member, ISCEA-IMPA

Panel Speaker I

Dr. Matthew Petering
Associate Professor
Department of Industrial and Manufacturing Engineering
University of Wisconsin – Milwaukee (UWM)
Milwaukee, Wisconsin
USA

Speaker II

Prabhat Rao Pinnaka
Lead Product Manager, Supply Chain – Tech & AI
Lowes

Speaker III

Aswin Sudarsanam
Supply Chain Integration and Technology
Medline Industries, LP
Chicago, Illinois, USA

Speaker IV

June 10, 2026 (Wednesday) - Session: 14:30 – 16:00

14:30 – 16:00, Wednesday **Onsite Room 2**

Entrepreneurship Mindset Panel

Panel Chair:

Professor Donald M. Reimer
President, The Small Business Strategy Group, Detroit, Michigan, USA
Adjunct Faculty – A. Leon Linton Department of Mechanical Engineering
Lawrence Technological University, Southfield, Michigan, USA
Chief Operating Officer, IEOM Society

Panel Co-Chair

Heidi Morano
Director, Entrepreneurial Engineering Design Curriculum
College of Engineering
Lawrence Technological University
Southfield, Michigan

Speaker I

Dr. Wilkistar Otieno
Associate Professor and Chair
Department of Industrial and Manufacturing Engineering
University of Wisconsin-Milwaukee
United States

Speaker II

Speaker III

Speaker IV

June 10, 2026 (Wednesday) - Session: 14:30 – 16:00

14:30 – 16:00, Wednesday **Onsite Room 3**

Session Chair:

Artificial Intelligence and Data Science

ID 57 An Assessment of AI Capability Towards Recognizing Failures in Quality Artificial Intelligence and Data Science Thomas Jones UCF United States

ID 9 Applying Machine Learning Techniques for Predicting Coffee Machine Parts Demand and Lead Time Artificial Intelligence and Data Science Nawaf Alamri King Abdulaziz University Saudi Arabia

ID 135 Artificial Intelligence Approaches for Flood Risk Assessment: A Literature Review Artificial Intelligence and Data Science Maahi Mehta West Windsor Plainsboro High School South United States

ID 117 Beyond the Horizon: How Digital Twins & Agentic AI Are Reinventing Enterprise Supply Chain management Artificial Intelligence and Data Science Chaoye Pan Ford Motor Company United States

ID 12 Development and Analysis of a High-Resolution Image Dataset for Enhancing Rice Yield Prediction at the Ripening Stage Using Deep Learning Models Artificial Intelligence and Data Science Abubakar Ado Northwest University kano Nigeria

ID 75 Diagnosing Type II Diabetes Using Artificial Intelligence Artificial Intelligence and Data Science Teodoro Córdova Fraga Universidad de Guanato campus León Mexico

ID 76 Efficient Kidney Segmentation in Non-Contrast CT using U-Net with Fixed Ellipse Cropping Artificial Intelligence and Data Science Teodoro Córdova Fraga Universidad de Guanato campus León Mexico

June 10, 2026 (Wednesday) - Session: 14:30 – 16:00

14:30 – 16:00, Wednesday **Onsite Room 4**

Session Chair:

Lean Six Sigma and Operations Excellence

ID 126 Human-Centric Optimization of Canned Beef Production: A Sustainable Industry 5.0 Framework for the SADC Region Lean Six Sigma and Operations Excellence Lone Seboni University of Botswana Botswana

ID 66 Improving Ambulatory Surgery Throughput Using SMED Approach Lean Six Sigma and Operations Excellence Moh'd Ragheb El-Sharo Western Washington University United States

ID 112 Integrating AI with Continuous Improvement Methodologies Lean Six Sigma and Operations Excellence Girish Kumar Gopalakrishnan CNH (Case New Holland) United States

ID 157 Integrating Lean Strategies and AI-Enabled Technologies for Cost Reduction in Global Transportation Logistics Lean Six Sigma and Operations Excellence Girish Kumar Gopalakrishnan CNH (Case New Holland) United States

ID 191 Revolutionizing 8D Problem Solving with AI: A Design Science Framework for Intelligent Quality Management Lean Six Sigma and Operations Excellence Girish Kumar Gopalakrishnan CNH (Case New Holland) United States

ID 89 The Impact of Rewards on Teams and Individual Kaizen Participation Lean Six Sigma and Operations Excellence Aws Alattar Binghamton University United States

June 10, 2026 (Wednesday) - Session: 14:30 – 16:00

14:30 – 16:00, Wednesday **Onsite Room 5**

Session Chair:

Sustainability, Green Systems and Energy

ID 158 Agentic AI-Driven Microgrid Energy Management for Resilient Renewable Energy Communities Sustainability, Green Systems and Energy Md Monirul Islam Texas A&M University - Kingsville United States

ID 46 Financing Circularity for Sustainable Indian MSMEs: A PLS-SEM–ANN Approach Sustainability, Green Systems and Energy Lakshmi Tulasi Devi Surapaneni National Institute of Technology, Warangal India

ID 180 Green Hydrogen: Enabling the Next Generation of Sustainable Development Sustainability, Green Systems and Energy Jalel DIB Larbi Tebessi University of Tebessa Algeria

ID 262 Mathematical Modelling to Facilitate Understanding Constraints Associated with Cyberattacks Mitigation in a P2P-based Energy Trading System Sustainability, Green Systems and Energy Oluwaseun Tooki Tshwane University of Technology South Africa

ID 359 Mathematical Modeling and Sustainability Metrics for Recycled ABS Filament Produced via a Passive Vibratory Feeder Recycling System Onsite Oral Sustainability, Green Systems and Energy Johnson Adebayo Fadeyi University at Buffalo United States

June 10, 2026 (Wednesday) - Session: 14:30 – 16:00

14:30 – 16:00, Wednesday **Virtual Zoom Room 6**

Session Chair:

First IEOM International Conference on Supply Chain Management and Logistics (ICSCML 2026)

ID 294 "From Drain to Energy: A Carbon-Aware AI Framework for Expired Milk Reverse Logistics" First IEOM International Conference on Supply Chain Management and Logistics (ICSCML 2026) Jayank Maanas Ranganadham Purdue University Northwest United States
ID 287 A Tariff Exposure Propagation Index for Measuring Hidden Supply-Chain Vulnerability: Evidence from the 2025–2026 U.S. Tariff Shock First IEOM International Conference on Supply Chain Management and Logistics (ICSCML 2026) Sivalingam Thangavel Independent Researcher United States
ID 284 Exploring the Interplay between International Trade and Industry 5.0: The Role of Collaboration First IEOM International Conference on Supply Chain Management and Logistics (ICSCML 2026) Alexandre Vidal Federal University of Paraná Brazil
ID 274 Industry 4.0, Lean Subsystems, and the Productivity-Resilience Dilemma in Saudi Arabian Supply Chains: A Socio-Technical Systems Analysis First IEOM International Conference on Supply Chain Management and Logistics (ICSCML 2026) Mutab alenzy Taibah University Saudi Arabia

ID 313 A Decision-Support Framework for Supplier Evaluation in the Automotive Industry: Integrating Traceability Compliance Using AHP First IEOM International Conference on Supply Chain Management and Logistics (ICSCML 2026) Rifka Beby Dwiayuni University of Indonesia Indonesia
ID 357 Towards Sustainable Urban Mobility: Evaluating Ghana's Readiness For Electric Vehicle Integration First IEOM International Conference on Supply Chain Management and Logistics (ICSCML 2026) Nana Agyeman-Prempeh Ghana Communication Technology University Ghana

16:00 – 16:30 – Break

June 10, 2026 (Wednesday) - Session: 16:30 – 18:00

16:30 – 18:00, Wednesday **Onsite Room 1**

Women in Industry and Academia Panel

Panel Chair

E. Shirl Donaldson, Ph.D. PMP
Faculty Member
College of Innovation and Technology
University of Michigan Flint

Speaker I

Monica L. Davis
Sr. HR Leader and Certified Professional in Human Resources (PHR)
Delek US Holdings, Inc.
Texas, USA

Speaker II

Dawn Patterson
Founder, CEO and Creative Director of I Am My City, Brand
DFC Director of sponsorship and the Co-Creator of Socialite Detroit
Detroit, Michigan, USA

Speaker III

Speaker IV

Tallie Cheairs

June 10, 2026 (Wednesday) - Session: 16:30 – 18:00

16:30 – 18:00, Wednesday **Onsite Room 2**

AI Panel

Panel Chair

Panel Speaker I

Panel Speaker II

Panel Speaker III

Panel Speaker IV

Tariq Alam, Canada

June 10, 2026 (Wednesday) - Session: 16:30 – 18:00

16:30 – 18:00, Wednesday **Onsite Room 3**

Session Chair:

Automation, Robotics and Autonomous Systems

ID 163 Deployment-Efficient Multimodal Human–Robot Interaction Using Voice Commands and Color Verification in Structured Workspaces Automation, Robotics and Autonomous Systems Lokesh Rao Gujja Purdue University Northwest United States
ID 272 Fatigue-aware Motion Prediction in Collaborative Assembly Automation, Robotics and Autonomous Systems Yonga Chuengwa Tshwane University of Technology South Africa
ID 271 Lane Feature-Based Localization via ICP Map Alignment Automation, Robotics and Autonomous Systems Briana Popa Oakland University United States
ID 212 Multichannel Acoustic Feature Fusion for Predictive Maintenance in High-Speed Robotic Manufacturing Automation, Robotics and Autonomous Systems Md Omar Al Javed Tennessee Technological University United States

June 10, 2026 (Wednesday) - Session: 16:30 – 18:00

16:30 – 18:00, Wednesday **Onsite Room 4**

Session Chair:

June 10, 2026 (Wednesday) - Session: 16:30 – 18:00

16:30 – 18:00, Wednesday **Onsite Room 5**

Session Chair:

Human Factors, Ergonomics and Healthcare System

ID 261 Human-in-the-Loop Decision Support for Water-Quality Monitoring Using Interpretable Machine Learning Human Factors, Ergonomics and Healthcare System Management AZEEZ ADAMOLEKUN NORTH CAROLINA A&T STATE UNIVERSITY United States
ID 160 Predictive Modeling of Human Fatigue and Recovery in Industrial Systems Human Factors, Ergonomics and Healthcare System Management Sahand Hajifar Park University United States
ID 263 Temporal Interference Neurostimulation for Atypical Trigeminal Neuralgia: A Sensor-Driven Data-Enhanced Approach Human Factors, Ergonomics and Healthcare System Management Oluwaseun Tooki Tshwane University of Technology South Africa
ID 187 The relationships between the Psychophysical rating of the impact to the Energy of the impact, Velocity of the impact, and Size of the impacting object Human Factors, Ergonomics and Healthcare System Management Khaled Alkhaledi Industrial Managment and Systems Engineering - Kuwait University Kuwait
ID 222 The Role of Clinical Risk Management and Quality and Safety Departments for the Resilient Management of Workarounds: A Study of Barcode Medication Administration Human Factors, Ergonomics and Healthcare System Management Danielli Cossul Federal University of Rio Grande do Sul Brazil

June 10, 2026 (Wednesday) - Session: 16:30 – 18:00

16:30 – 18:00, Wednesday **Virtual Zoom Room 6**

Session Chair:

Artificial Intelligence and Data Science

ID 253 Artificial Intelligence and Circular Value Chains: Potential for Strengthening Environmental Sustainability Artificial Intelligence and Data Science DIEGO KARACHAS COLOMBIA Colombia
ID 256 Artificial Intelligence and Open-Source Models - The New Frontier of Systemic Risk Artificial Intelligence and Data Science Mpho Mokgathi University of Johannesburg South Africa
ID 169 Automated Cybersecurity for Vehicle to Grid Systems: Defending Stability in a High Threat Energy Landscape Artificial Intelligence and Data Science MD RANA LAMAR UNIVERSITY United States
ID 71 BreatheSmarter: A Low-Cost Smart Device for Early Detection of Asthmatic Attacks Artificial Intelligence and Data Science ShriyaditaDe Montgomery Blair High School United States

ID 168 Building a Scalable Data Lakehouse at Lamar University: Automated Infrastructure for Processing, Analytics, Machine Learning, and Archiva Artificial Intelligence and Data Science MD RANA LAMAR UNIVERSITY United States
ID 47 CORDS: A Connectivity-Oriented Graph Framework for Entity Deduplication under Sparse and Heterogeneous Relationships in Industrial Data Systems Artificial Intelligence and Data Science Zhongyuan Lee Texas A&M University United States

June 10, 2026 (Wednesday) - Session: 18:00 – 20:00

18:00 – 20:00, Wednesday **Virtual Zoom Room 6**

Session Chair:

Senior Capstone Design Project Competition

ID 282 AI READINESS STUDY FOR ASSISTED CONFIGURATOR SALES TOOL Senior Capstone Design Project Competition Brendan Marx UIUC SE494/495 Senior Design United States
ID 291 DASHBOARD WEB DEVELOPMENT FOR KEY PERFORMANCE INDICATOR INTEGRATION Senior Capstone Design Project Competition Preston Sidenstricker University of Illinois United States
ID 280 Filter Press Analysis For Ergonomic And User Interface Design Improvements Senior Capstone Design Project Competition Timothy Baer University of Illinois at Urbana-Champaign United States
ID 288 ResiClean - Post-processing Resin System Senior Capstone Design Project Competition Bershell Reynaud ResiClean United States
ID 209 Student CEOs in the AI Era: Exploring Service System Innovation Startup Ideas for Improving Academic–Industry Collaboration Senior Capstone Design Project Competition Jayme Canseco Roter Penn State Capstone Group United States
ID 10 Visual Attention and Comprehension Across Chart Types: An Eye-Tracking Analysis Senior Capstone Design Project Competition Seeung Oh South Carolina State University United States
ID 321 An Integrated Production and Supply Chain Simulation Framework for Analysis of Complex Manufacturing Systems Senior Capstone Design Project Competition Natalie Cherbaka Virginia Tech United States

June 11, 2026 (Thursday)

07:00 - 17:00 Registration and Networking

June 11, 2026 (Thursday) - Session: 9:00 – 13:00

9:00 – 13:00, Thursday **Onsite Auditorium**

Keynotes

08:00 - 17:00 Registration
9:00 – 9:40 Keynote: Northwestern Mutual, VP, Data Science and Analytics
9:40 – 10:20 Keynote: Dr. Keuter Tucker, Data Science Manager, Charter Steel
10:20 - 11:00 Panel: Workforce Development in Automation: Area Community Colleges (Moderator: W. Otieno)
11:00 - 11:30 Break
11:30 - 12:00 Dr. Alejandro Hernández González
Professor of Electrochemistry, Manufacturing Processes, and Dynamics
Faculty of Chemical Sciences
Universidad Juárez del Estado de Durango (UJED), Durango, Mexico
12:00 - 12:30 Monica L. Davis, Sr. HR Leader and Certified Professional in Human Resources (PHR), Delek US Holdings, Inc. Texas, USA
12:30 - 13:00 Keynote: Dr. Maria Auxiliadora Cannarozzo Tinoco
Chair of the Department of Industrial Engineering and Transportation
Associate Professor in the Department of Industrial Engineering
Universidade Federal do Rio Grande do Sul (UFRGS), Brazil

June 11, 2026 (Thursday) - Session: 8:00 – 10:00

8:00 – 10:00, Thursday **Virtual Zoom Room 6**

Session Chair:

Sustainability, Green Systems and Energy

ID 151 A Comparative Survey of Immersive Learning for Operator, Maintenance, and Safety Training in Energy Systems Sustainability, Green Systems and Energy Sara Masoud Wayne State University United States
ID 292 Design for Longevity vs. Planned Obsolescence: A Sustainable Product Design and Business Model Comparison between Germany and the USA Sustainability, Green Systems and Energy Shahram Taj Florida Polytechnic University United States
ID 269 Do Institutions Prefer Responsible Firms? Evidence on ESG and Shareholding Decisions in China Sustainability, Green Systems and Energy Houyin Long Fuzhou University China
ID 129 Methodological Challenges in Carbon Footprint Accounting Across Global Supply Chains Sustainability, Green Systems and Energy Farnaz Ghazi Nezami Kettering University United States
ID 268 Supply Chain ESG Spillovers and Sustainable Production: Evidence from Chinese Listed Firms Sustainability, Green Systems and Energy Houyin Long Fuzhou University China
ID 293 Sustainable Development and Green Job Creation in Canada EV Battery Recycling Sustainability, Green Systems and Energy Walid Abdul-Kader University of Windsor Canada
ID 275 Sustainable Development Goals in a Maritime and Port Maintenance Company in Tuxpan, Veracruz, Mexico Sustainability, Green Systems and Energy Lila Margarita Bada-Carbajal Instituto Tecnologico Superior de Alamo Temapache Mexico
ID 124 The Sustainability–Resilience Gap in Green Energy Supply Chains: A Multi-Layer Alignment Theory Sustainability, Green Systems and Energy Ashish Chandra Illinois State University United States
ID 389 A Closed-Loop Ultrasonic Framework for Detecting and Modulating Plant Water Stress in Ixora for Precision Sustainability, Green Systems and Energy David Hsu Goldcreek Inc United States

June 11, 2026 (Thursday) - Session: 8:00 – 10:00

8:00 – 10:00, Thursday **Virtual Zoom Room 7**

Session Chair:

Engineering Education and Curriculum Improvement

ID 193 FANUC Robotics Labs for Industry 5.0 Manufacturing: A Flipped Learning Approach in Computer Integrated Manufacturing (CIM) Course Engineering Education and Curriculum Improvement Goksu Avdan Missouri Western State University United States

Case Studies and Best Practices

ID 317 Investment Prioritization Based on TOPSIS Euclidean Distance and Manhattan Distance: Mathematical Approach Case Studies and Best Practices Reynaldo Panji Wicaksono Universitas Indonesia Indonesia
ID 318 Emergent Behavior in Transportation Systems of Systems: A Model-Based Systems Engineering Case Study Case Studies and Best Practices Mustafa Chmeiseh Oakland University United States

June 11, 2026 (Thursday) - Session: 10:00 – 12:00

10:00 – 12:00, Thursday **Virtual Zoom Room 6**

Session Chair:

Artificial Intelligence and Data Science

ID 58 From AI Investment to Operational Performance: The Mediating Role of Organizational Capabilities in AI-Enabled CRM Systems Artificial Intelligence and Data Science Praveen Manimangalam FLORIDA INTERNATIONAL UNIVERSITY United States
ID 36 From Probes to Causal Econometrics: A Rigorous Path to Mechanistic Interpretability in Dynamical AI Systems Artificial Intelligence and Data Science MOHSEN SELSELEH George brown college Canada
ID 218 Influence of artificial intelligence on design of composite materials for industrial and automotive applications: A Review Artificial Intelligence and Data Science Ayodele Ajayi Vaal University of Technology South Africa
ID 130 Medium-Term Water Quality Forecasting Using Prophet and Gradient Boosting Ensembles: Projecting Management Scenarios for Brazil's Paraíba do Sul Basin Through 2030 Artificial Intelligence and Data Science Hugo Pimentel Tavares Universidade Estadual do Rio de Janeiro Brazil
ID 240 Predictive Modeling for Aviation Safety and Airline Performance Using Machine Learning Artificial Intelligence and Data Science Roderick Wilson Embry Riddle United States
ID 255 Smart Logistics: The Role of Artificial Intelligence in Value Network Management Artificial Intelligence and Data Science DIEGO KARACHAS COLOMBIA Colombia

June 11, 2026 (Thursday) - Session: 10:00 – 12:00

10:00 – 12:00, Thursday **Virtual Zoom Room 7**

Session Chair:

Automation, Robotics and Autonomous Systems

ID 270 Automatic Barrier Deployment Using Multimodal Machine Learning for Rapid Protective Response Automation, Robotics and Autonomous Systems Advait Wahi Eastlake High School United States
ID 198 Automatic Shield Deployment Using Multimodal Machine Learning for Rapid Protective Response Automation, Robotics and Autonomous Systems Advait Wahi Eastlake High School United States
360 A Multi-Domain Human-Centered Framework for Human-Robot Collaboration: Advancing Decision-Making, Situational Awareness, and Operational Efficiency Automation, Robotics and Autonomous Systems Clement Alabi NCAT United States

Manufacturing, Assembly and Design

316 ROLL FIXTURE DESIGN FOR SETUP AND CHANGEOVER IMPROVEMENT Manufacturing, Assembly and Design Andrew Ahn University of Illinois at Urbana-Champaign United States
376 Computational Case Study on the Impact of Biomimetic Blade Surface Finish on Cavitation in Industrial Water Pumps Manufacturing, Assembly and Design Kattia Areco Universidad Nacional de Asunción, Facultad de ingeniería Paraguay

June 11, 2026 (Thursday) - Session: 12:00 – 14:00

12:00 – 14:00, Thursday **Virtual Zoom Room 6**

Session Chair:

Simulation, Optimization and Productivity Improvement

ID 132 Improving On-Time Order Fulfillment through SOPs, 5S, and Standard Work in a Peruvian Metalworking Company Simulation, Optimization and Productivity Improvement Francisco Javier Tapia Lishner Universidad de Lima Peru
ID 283 Integrated MRP, Standard Work, and FEFO Model to Reduce Stockouts of Medical-Surgical Supplies Simulation, Optimization and Productivity Improvement Melany Ramirez University of lima Peru
ID 250 Investigating the Water Reticulation problem in the Nkangala District Municipality of Mpumalanga Province Simulation, Optimization and Productivity Improvement Motsi Ephrey Matlakala University of Johannesburg, Department of Mechanical and Industrial Engineering, South Africa
ID 251 Modelling Water Pumping System in the Govan Mbeki Local Municipality Simulation, Optimization and Productivity Improvement Motsi Ephrey Matlakala University of Johannesburg, Department of Mechanical and Industrial Engineering, South Africa
ID 241 Optimizing Subgrade Stabilization with Steel Slag and Sawdust Ash Using RSM, Monte Carlo Simulation, and AHP: An IE/OM Framework for Sustainable Rural Road Construction Simulation, Optimization and Productivity Improvement Oladeji Ige Durban University of Technology South Africa
ID 17 Polishing Process Optimization Abstract Simulation, Optimization and Productivity Improvement Diya More University of Illinois Department of Industrial and Enterprise Systems Engineering United States

June 11, 2026 (Thursday) - Session: 12:00 – 14:00

12:00 – 14:00, Thursday **Virtual Zoom Room 7**

Session Chair:

Business Management and Operations Management

ID 186 Customer Retention in the Mining Sector: A Systematic Review of Frameworks, Methodologies, and Engineering Design Implications Business Management and Operations Management Michelle Smit Department of Industrial Engineering, Stellenbosch University South Africa
ID 116 Financial Advisory as a Service System: A Systematic Review of Value Co-Creation Frameworks, Processes, and Engineering Implications Business Management and Operations Management Michelle Smit Department of Industrial Engineering, Stellenbosch University South Africa
ID 259 Model to Improve Productivity in Footwear Manufacturing through PM, 5S, SW and SLP Business Management and Operations Management Carlos Augusto Lizárraga-Portugal Universidad de Lima Peru
ID 336 Marketing Mix-Based Criteria for Distribution Channel Evaluation in Emerging Health Beverage Brands: A Case Study Using AHP-TOPSIS Business Management and Operations Management Livia Khalishta Afifah University of Indonesia Indonesia

Sustainability, Green Systems and Energy

ID 326 Power Grid Robustness and Infrastructure Resilience Under Extreme Storm Threats Using Network Science Sustainability, Green Systems and Energy Shane Menezes Binghamton University United States
ID 328 Zonal Global Sensitivity Analysis for Policy-Constrained Capacity Expansion Planning in New York Sustainability, Green Systems and Energy Shane Menezes Binghamton University United States

13:00 – 14:30 Lunch Break

June 11, 2026 (Thursday) - Session: 14:30 – 16:00

14:30 – 16:00, Thursday **Onsite Room 1**

Session Chair:

Artificial Intelligence and Data Science

ID 79 Exploring Multivariate Techniques for Analyzing Kidney Stone Risk Factors: Logistic Regression and Cluster Analysis Approach Artificial Intelligence and Data Science Omar Abueed The State University of New York at Binghamton United States
ID 43 Function-Space Priors for Behavioral Regularization of Control Parameters in Neural Decision ModelsArtificial Intelligence and Data Science Mayra Bornacelly University of Central Florida United States
ID 128 Machine Learning in the Mortgage Industry: A Comprehensive Review Artificial Intelligence and Data Science Wilkistar Otieno University of Wisconsin-Milwaukee United States
ID 78 Machine Learning-Based Prediction of Rehabilitation Authorization Delays: A Multi-Method Analysis of Post-Acute Care Workflow Artificial Intelligence and Data Science Omar Abueed The State University of New York at Binghamton United States
ID 80 Short-Term Medicaid Dropout Prediction Using Longitudinal Weekly Eligibility Data and Interpretable Machine Learning Models Artificial Intelligence and Data Science Majed Aljamrah Binghamton University United States
ID 244 Study on Evaluation of Potentials and Challenges of Smart Cities in Contemporary Era Artificial Intelligence and Data Science Khandakar Akhter Hossain Bangladesh Maritime University Bangladesh
ID 364 Distributed Ledger-Enabled Process Improvement for Multi-Actor Infrastructure Delivery Systems Onsite Oral Artificial Intelligence and Data Science John Oruongo University of Tampa United States

June 11, 2026 (Thursday) - Session: 14:30 – 16:00

14:30 – 16:00, Thursday **Onsite Room 2**

Session Chair:

Engineering Education and Curriculum Improvement

ID 252 Active Learning and Systems Thinking in Product Development Process Education in Engineering Engineering Education and Curriculum Improvement RAFAEL KORMAN Universidade Federal do Rio Grande do Sul Brazil
ID 219 Artificial Intelligence For Effective Student Support Engineering Education and Curriculum Improvement Mukondeleli Grace Kanakana-Katumba Vaal University of Technology South Africa
ID 48 Problem-Based Learning to Support Active Learning in an Undergraduate Industrial Engineering Course Engineering Education and Curriculum Improvement Paula Kvitko de Moura UFRGS Brazil
ID 44 Service Learning and Student Consulting Projects for the Development of Service Operations Management Skills Engineering Education and Curriculum Improvement Joyce Danielle de Araújo UFRGS Brazil
ID 195 To What Extent Does the Distribution of Technical, Analytical, and Communication Keywords in Higher Education STEM Syllabi Align With the Workforce Readiness Requirements Found in Entry-Level Job Postings? Engineering Education and Curriculum Improvement Sana Bhimani Southern Arkansas University United States

June 11, 2026 (Thursday) - Session: 14:30 – 16:00

14:30 – 16:00, Thursday **Onsite Room 3**

Session Chair:

Engineering Management and Project Management

ID 217 Advancing Health Information Technology (HIT) in LMICs: A Qualitative Study on Implementation Barriers and Strategic Management for Sustainable Adoption Engineering Management and Project Management Hesham Almomanihashmite university Jordan
ID 243 Assessment of Present Challenges of Bangladesh Ship Recycling Industry and Way Fotward Engineering Management and Project Management Khandakar Akhter Hossain Bangladesh Maritime University Bangladesh
ID 119 Probability Distribution Selection in Monte Carlo Based Project Management Simulation Engineering Management and Project Management Aaron Armstrong Concordia University Wisconsin United States
ID 82 Sustainability of Curricular Innovation in Production Engineering: An Analysis of the PMG Legacy Engineering Management and Project Management RAFAEL KORMAN Universidade Federal do Rio Grande do Sul Brazil

ID 327 Multi-modal Explanations for Engineering Project Decision Support Engineering Management and Project Management Yogesh Gawade Oakland University United States
ID 358 From Excel to AI: A Comparative Study of PERT/CPM Pedagogy in India and the USA ni Engineering Management and Project Management Prudhvi raj Baddanapuri Krishnateja educational institution India

June 11, 2026 (Thursday) - Session: 14:30 – 16:00

14:30 – 16:00, Thursday **Onsite Room 4**

Session Chair:

Digital Manufacturing, Industry 4.0 and IoT

ID 73 Deep Learning-Based Real-Time Defect Detection for Automated Optical Inspection in Electronics Manufacturing Digital Manufacturing, Industry 4.0 and IoT Mohammad Matahen Binghamton University United States
ID 20 Human-Centered Innovation: Ethical and Social Dimensions of Digital Transformation in the Construction Industry – A Review Digital Manufacturing, Industry 4.0 and IoT Thalente Nkosi Durban University of Technology South Africa

Simulation, Optimization and Productivity Improvement

ID 314 Impact of Geological Conditions on Coal Resource Estimation Accuracy Using Ordinary Kriging: A Case Study at PT. Mutiara Merdeka Jaya Simulation, Optimization and Productivity Improvement Nofyan Alvian Alimnur Hasanuddin University Indonesia
ID 315 Energy-Constrained Vertiport Location Optimization for Advanced Air Mobility Emergency Logistics in Northeastern North Carolina Simulation, Optimization and Productivity Improvement Kuldeep Rawat ELIZABETH CITY STATE UNIV United States
ID 329 A Simulation-Driven Optimization Framework for Wind-Aware, Energy-Constrained Aerial Logistics Routing Simulation, Optimization and Productivity Improvement Kuldeep Rawat ELIZABETH CITY STATE UNIV United States

June 11, 2026 (Thursday) - Session: 14:30 – 16:00

14:30 – 16:00, Thursday **Onsite Room 5**

Session Chair:

Business Management and Operations Management

ID 179 Comparison of the energy efficiency of Gulf Cooperation Council countries with some developed countries using data envelopment analysis Business Management and Operations Management Ali ALARJANI Prince Sattam Bin Abdulaziz University Saudi Arabia
ID 118 Dynamic Modeling of Panic Buying Under Supply Shortages and Regional Interdependence Business Management and Operations Management Reza Jazemi UNIVERSITY OF WISCONSIN - MILWAUKEE (GRADUATE SCHOOL) United States
ID 245 From ESG Signaling to ESG Governance: Bridging Institutional Fragmentation and Practitioner-Level Implementation Gaps Business Management and Operations Management Dichondra Johnson University of Michigan-Flint United States
ID 37 Investigating Customer Reluctancy in Using Digital Platforms Within Retail Transforming Digital Business Environments in Semi-Urban Areas Due to Security Concerns Business Management and Operations Management Sinakhokonke Mpanza University of South Africa South Africa

June 11, 2026 (Thursday) - Session: 14:30 – 16:00

14:30 – 16:00, Thursday **Virtual Zoom Room 6**

Session Chair:

Engineering Management and Project Management

ID 221 AI-Enabled Digital Engineering for Complex Systems: An Industry-Oriented Framework for Decision-Making and Integration Engineering Management and Project Management Iqtiar Siddique The University of Texas at El Paso United States
ID 210 Customer Retention in Digital Banking: A Systematic Review of Loyalty Foundations, Digital Transformation, Service Innovation, and Decision-Support Implications Engineering Management and Project Management Michelle Smit Department of Industrial Engineering, Stellenbosch University South Africa
ID 159 Improving order fulfillment for an ice cream company by applying Sales and Operations Planning (S&OP) Engineering Management and Project Management Alonzo Alvarez Universidad de Lima Peru
ID 192 Risk Identification and Control in Oman's Construction Industry: A Systematic Review and Conceptual Framework Engineering Management and Project Management RASHID SALIM UNITEN UNVERSITY Oman
ID 254 Science, Technology, and Digital Transformation: Educational Innovation Strategies for Entrepreneurship Entrepreneurship and Innovation DIEGO KARACHAS COLOMBIA Colombia
ID 83 Beyond Spatial Optimization: An Integrated Multi-Method Framework for Manufacturing Layout Redesign Facility Planning and Layout BORIS HERBAS TORRICO Tecnologico de Monterrey Mexico

June 11, 2026 (Thursday) - Session: 14:30 – 16:00

14:30 – 16:00, Thursday **Virtual Zoom Room 7**

Session Chair:

Lean Six Sigma and Operations Excellence Panel

June 11, 2026 (Thursday) - Session: 16:30 – 18:00

16:30 – 18:00, Thursday **Onsite Room 1**

Session Chair:

First IEOM International Conference on Supply Chain Management and Logistics (ICSCML 2026)

ID 276 A Structural Model of the Influence of Transportation and Warehousing Vendors on Humanitarian Logistics Distribution Performance: Transportation as a Mediating Variable (A Study of Rohingya Refugees in Pidie) First IEOM International Conference on Supply Chain Management and Logistics (ICSCML 2026) Hengkok Sihole Universitas Logistik dan Bisnis Internasional Indonesia

June 11, 2026 (Thursday) - Session: 16:30 – 18:00

16:30 – 18:00, Thursday **Onsite Room 2**

Session Chair:

Case Studies and Best Practices

ID 127 From Desire to Discipline: The Evolution of Oxbow's Continuous Improvement Program Case Studies and Best Practices Sanjiv Dhanjal Oxbow United States
ID 111 Motorsports is the Perfect Vehicle for Interdisciplinary Collaboration Case Studies and Best Practices E Shirl Donaldson University of Michigan Flint United States
ID 24 Production Leadership - Production Best Practice Case study for Asset Business Planning in the Energy Sector Case Studies and Best Practices Tariq Masood Frostburg State University United States
ID 23 Risk Management Process - Production Best Practice Case study Longfield Gas Plant Accident Case Studies and Best Practices Tariq Masood Frostburg State University United States
ID 384 Risk Management Process - Production Best Practice Case study Longfield Gas Plant Accident Onsite Case Studies and Best Practices Iftikhar Ul-Haq Frostburg State University United States

June 11, 2026 (Thursday) - Session: 16:30 – 18:00

16:30 – 18:00, Thursday **Onsite Room 3**

Session Chair:

Quality, Reliability and Maintenance

ID 125 Enhancing Printability in Fused Filament Fabrication through Filament Pre-Quenching and Annealing Quality, Reliability and Maintenance Aaron Armstrong Concordia University Wisconsin United States
ID 41 Fast Reliability Estimation Using Neural Networks for k-out of-n systems Quality, Reliability and Maintenance Subbarao Majety Purdue University Northwest United States
ID 72 Organizational Readiness for Quality 5.0: An Industrial Engineering Perspective on Human-Centric Quality Transformation Quality, Reliability and Maintenance Sainyam Arora Johnson Matthey United States

ID 60 Integrating Production and Repair Operations Through Data Driven Defect Flow Analytics for Yield and Resource Optimization in PCBA Manufacturing Manufacturing, Assembly and Design Ali Tahmasebi FII USA United States
ID 362 Before the Drop: Transfer Entropy as an Early-Warning Signal for Photovoltaic System Disturbances Onsite Oral Quality, Reliability and Maintenance Md Tohidul Islam Binghamton University (SUNY) United States

June 11, 2026 (Thursday) - Session: 16:30 – 18:00

16:30 – 18:00, Thursday **Onsite Room 4**

Session Chair:

Human Factors, Ergonomics and Healthcare System Management

ID 69 Balancing Digital Expansion and Human Comfort Human Factors, Ergonomics and Healthcare System Management Farjin Rahman Shahjalal University of Science and Technology Bangladesh
ID 11 Effects of Forearm Posture on Grip Strength and Endurance in Young Male Adults Human Factors, Ergonomics and Healthcare System Management AbdulelahAli Jazan University Saudi Arabia
ID 152 Ergonomic Assembly Line Design for Microinverter Manufacturing: Reducing Operator Fatigue and Error Human Factors, Ergonomics and Healthcare System Management Daryl Santos The State University of New York at Binghamton (Binghamton University) United States
ID 84 Factors Associated With Length of Hospital Stay in Acute Ischemic Stroke Human Factors, Ergonomics and Healthcare System Management Luiza Dittrich UFRGS Brazil

June 11, 2026 (Thursday) - Session: 16:30 – 18:00

16:30 – 18:00, Thursday **Onsite Room 5**

Session Chair:

Supply Chain Management

ID 383 Balancing Detection Accuracy and Port Congestion: An AI-Driven Framework for Hazardous Cargo Inspection Onsite Supply Chain and Logistics Manikandan Chandran Independent Researcher United States

ID 387 Predicting and Reducing Product Returns in Modern Retail Onsite Supply Chain and Logistics Henry Ndeleko Southern Arkansas University United States

June 11, 2026 (Thursday) - Session: 16:30 – 18:00

16:30 – 18:00, Thursday **Virtual Zoom Room 6**

Session Chair:

Digital Manufacturing, Industry 4.0 and IoT

ID 200 Development of an IoT-Based Noise Hazard Monitoring and Alert System in a Sugar Factory Digital Manufacturing, Industry 4.0 and IoT Wittavat Sripradit Suranaree University of Technology Thailand

ID 65 Proposal of a model for evaluating the maturity of Industry 4.0 implementation in the steel industry Digital Manufacturing, Industry 4.0 and IoT Alexandre Sampaio University of Aveiro Portugal

ID 196 Server-Driven UI as a Framework for Real-Time Regulatory Compliance in Cryptocurrency Trading Platforms Digital Manufacturing, Industry 4.0 and IoT Leandro Fernandes de Oliveira Morgan Stanley Canada

ID 50 Smart Automotive Manufacturing Using AI, Advanced IoT, Cobots, and 3D Digital Production Simulation Digital Manufacturing, Industry 4.0 and IoT Kevin Patel Futaba North America Engineering & Marketing Corp. United States

June 11, 2026 (Thursday) - Session: 16:30 – 18:00

16:30 – 18:00, Thursday **Virtual Zoom Room 7**

Session Chair:

PPAP Panel

June 11, 2026 (Thursday) - Session: 18:00 – 20:00

18:00 – 20:00, Thursday **Onsite Room 1**

Session Chair:

Simulation Workshop

June 11, 2026 (Thursday) - Session: 18:00 – 20:00

18:00 – 20:00, Thursday **Virtual Zoom Room 6**

Session Chair:

Artificial Intelligence and Data Science

ID 197 The Importance of Human Critical Thinking in the Validation of AI-Generated Code in Software Development Projects: A Systematic Literature Review Artificial Intelligence and Data Science Leandro Fernandes de Oliveira Morgan Stanley Canada

ID 8 The Spatial Landscape of AI and Automation: Quantifying Workforce Exposure, Impact, and Regional Resilience Artificial Intelligence and Data Science Fahimeh Mohebbi University of Wisconsin-Milwaukee United States

ID 7 The use of AI in change management Artificial Intelligence and Data Science Brian Galli Texas State University United States

ID 6 The use of AI in continuous improvement Artificial Intelligence and Data Science Brian Galli Texas State University United States

ID 5 The use of AI in project management Artificial Intelligence and Data Science Brian Galli Texas State University United States

ID 332 ANewHybrid Method for Brain Tumor Detection Based on Deep Learning Artificial Intelligence and Data Science Shamim Sharbaf Binghamton United States

ID 363 XGBoost for Forecasting Daily Pediatric Emergency Department Visits Artificial Intelligence and Data Science Ahmed Qasem University of Aalabama at Birmingham United States

June 11, 2026 (Thursday) - Session: 18:00 – 20:00

18:00 – 20:00, Thursday **Virtual Zoom Room 7**

Session Chair:

Human Factors, Ergonomics and Healthcare System Management

ID 62 Air Pollution Exposure and Cognitive Fatigue among Delivery Riders and Gig Workers: A Review of Human Factors Evidence Human Factors, Ergonomics and Healthcare System Management Nayan Debnath Pranta Shahjalal University of Science and Technology Bangladesh

ID 205 Assessment of Walking Ability in Parkinson's Patients using Three?dimensional Plantar Pressure Sensors Human Factors, Ergonomics and Healthcare System Management Tianrui Zhang Kent School United States

ID 86 Ergonomics Sensing in Industry 5.0 Human-Robot Collaboration: Current Trends and Future Directions Human Factors, Ergonomics and Healthcare System Management Goksu Avdan Missouri Western State University United States

ID 325 A Multi-Layer Adaptive Architecture Driven by Case-Based Reasoning for Post-Discharge Care Human Factors, Ergonomics and Healthcare System Management Yiyun Fei Georgia Institute of Technology United States

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1. Adrar University

Australia
2. Queensland University of Tech., Brisbane
3. UNSW-Canberra
4. University of Melbourne
5. University of Wollongong
6. University of Adelaide

Bahrain
7. University of Bahrain

Bangladesh
8. Ahsanullah University of Sci & Tech (AUST)
9. Bangladesh Institute of Management (BIM)
10. Bangladesh University of Textiles (BUTEX)
11. BUET
12. CUET
13. Daffodil International University (DIU)
14. DUET, Gazipur
15. European University of Bangladesh
16. International Islamic University of Chittagong
17. IUBAT
18. Jessore University of Science and Technology
19. Khulna University (KU)
20. Khulna University of Eng and Tech (KUET)
21. Military Institute of Science and Technology
22. National Institute of Textile Eng &Res (NITER)
23. Rajshahi University (RU)
24. SUST
25. University of Chittagong
26. World University Bangladesh (WUB)
27. BAUST
28. American International University-Bangladesh (AIUB)
29. BGMEA University of Fashion and Technology (BUFT)
30. IUB – Independent University, Bangladesh

Bolivia
31. Universidad Católica Boliviana

Botswana
32. University of Botswana

Brazil
33. Federal University of Sao Carlos (UFSCar)
34. Federal University of Santa Catarina (UFSC)
35. University of Sao Paulo (USP) – Sao Carlos
36. Federal Institute of Sao Paulo, Sorocaba
37. FACENS University, Sorocaba

Canada
38. Concordia University
39. Humber Institute of Tech and Adv Learning
40. Polytechnic Montreal
41. University of New Brunswick at Fredericton
42. University of Waterloo
43. University of Windsor
44. Wilfrid Laurier University

Colombia
45. Fundación Univ. Tecn. Comfenalco, Cartagena, Bolívar
46. University of Rosario, Bogota
47. University of Quindio
48. Universidad de San Buenaventura, Cali, Valle
49. Institución Universitaria Colegios de Colombia
50. Escuela Colombiana de Ingeniería Julio Garavito
51. Universidad Católica de Colombia
52. Universidad Santo Tomás de Aquino
53. Fundación Universitaria Internacional de La Rioja
54. Universidad América
55. Universidad Militar Nueva Granada (UMNG)
56. Universidad Cooperativa de Colombia (UCC)
57. Universidad del Norte
58. Corporación Universitaria Minuto de Dios – UNIMINUTO
59. Fundación Universitaria de Popayán
60. Universidad Nacional Abierta y a Distancia (UNAD)

Costa Rica
61. University of Costa Rica

Czech Republic
62. University of West Bohemia, Pilsen

Ecuador
63. Technical University of Ambato
64. Universidad San Francisco de Quito

Egypt
65. Zagazig University
66. Fayoum University
67. British University in Egypt

El Salvador
68. Escuela Superior de Economía y Negocios (ESEN), El Salvador

Ethiopia
69. Bahir Dar Institute of Technology
70. Addis Ababa University Institute of Technology
71. Mekelle University

Finland
72. University of Vaasa

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73. IESEG School of Management
74. Lorraine University, Metz

Germany
75. Technical University Applied Sciences Augsburg

Ghana
76. Technological Education Institute (TEI), Larissa
77. Ho Technical University
78. University of Ghana

Greece
79. Accra Technical University

Haiti
80. Université Quisqueya

India
81. College of Eng and Tech, Bhubaneswar, Odisha, India
82. College of Engineering Guindy, Chennai
83. Guru Nanak Dev Engineering College
84. Pandit Dendayal Petroleum Univ., Gujrat
85. P.D.A. College of Engineering, Gulbarga
86. Vellore Institute of Technology
87. Vidya Jyothi Institute of Technology, Hyderabad
88. Universal College of Eng & Tech (UCET), Guntur
89. National Institute of Technology (NIT), Warangal
90. Jawaharlal Nehru Technological University Hyderabad
91. IITS, India
92. Birla Institute of Tech & Sciences (BITS Pilani)
93. Amrita School of Business – Bangalore
94. Amrita school of Arts and Sciences, Mysuru
95. Amrita School of Business, Coimbatore
96. Aligarh Muslim University, Aligarh
97. Mahant Bachittar Singh College Eng & Tech, Jammu
98. Baba Banda Singh Bahadur Eng College
99. Ramaiah University of Applied Sciences
100. Nawab Shah Alam Khan College Eng & Tech (NSAKCET
101. Global Institute Of Eng and Technology, Hyderabad
102. VNR Vignana Jyothi Institute of Eng and Technology
103. Siddhartha Institute of Engineering & Technology
104. Osmania University – The University College of Eng
105. VJTI Mumbai – Veermata Jijabai Technologic. Institute
106. BML Munjal University, Gurugram, India
107. AKTU University, Kanpur, India
108. Mufakkhamjah College of Eng. and Tech, Hyderabad
109. Methodist College of Engineering and Technology
110. Vardhaman College of Engineering
111. Dr B R Ambedkar National Institute of Technology, Jalandhar
112. B. V. Raju Institute of Technology, Vishnupur, Narsapur
113. Anjuman College of Engineering and Technology
114. Bharatiya Eng. Science & Technology Innovation University, (BESTIU), Gownivaripalli, Gorantla, Andhra Pradesh
115. HITAM - Hyderabad Institute of Technology and Management
116. JNTUH University College of Management Hyderabad, JNTUH
117. Siddaganga Institute of Technology, Tumakuru, Karnataka

Indonesia
118. Atma Jaya Catholic University
119. Bina Nusantara University (Binus), Indonesia
120. Institut Teknologi Bandung
121. Institut Teknologi Sepuluh Nopember (ITS)
122. Sampoerna University, Jakarta
123. Shipbuilding Institute of Polytechnic Surabaya
124. Tarumanagara University
125. UIN Sultan Syarif Kasim, Riau
126. Universitas Diponegoro (Undip)
127. Universitas Gadjah Mada (UGM)
128. Universitas Iqra Buru
129. UIN Sunan Kalijaga, Yogyakarta
130. Universitas Islam Negeri Alauddin Makassar
131. Universitas Sebelas Maret (UNS), Surakarta
132. University of Indonesia
133. Universitas Sumatera, Utara Medan
134. Narotama University, Surabaya
135. Universitas Pakuan, Bogor
136. Trilogi University
137. Universitas Muhammadiyah Riau
138. Universitas Muhammadiyah Palembang
139. Universitas Putera Batam, Kepulauan Riau

Ireland
140. Atlantic Technological University

Iran
141. MehrAstan University, Guilan
142. University of Eyvanekey
143. Technical and Vocational University (TVU)
144. University of Tehran

Iraq
145. Babylon University

Israel
146. Sapir Academic College
147. Shamoon College of Engineering (SCE), Ashdod

Italy
148. University of Bologna
149. University of Salento

Japan
150. Ashikaga University
151. Gunma University

Jordan
152. Hashemite University

Kenya
153. Kenyatta University, Nairobi

Kuwait
154. Gulf University of Science and Technology

Libya
155. Libyan Academy

Malaysia
156. Universiti Malaysia Sabah (UMS)
157. Universiti Putra Malaysia (UPM)
158. Universiti Teknologi Malaysia (UTM)
159. Universiti Tun Hussein Onn Malaysia (UTHM)
160. Universiti Utara Malaysia (UUM)
161. University of Malay (UM)

IEOM Student Chapters around the World

Mexico
162. Instituto Politécnico Nacional (IPN), Mexico
163. Universidad del Caribe, Cancun
164. Tecnológico de Monterrey, Campus Monterrey
165. Universidad Industrial de Santander
166. Universidad Iberoamericana
167. Universidad de Guanajuato
168. UJED, Mexico (#297)

Morocco
169. Akhawayn University
170. Ecole Mohammadia d'Ingénieurs (EMI)
171. Sidi Mohamed Ben Abdellah University of Fez
172. N. School of Appl Sci. Kenitra, Ibn Tofail Univ
173. Ecole Supérieure De Technologie, Fez
174. INPT

Mozambique
175. Eduardo Mondlane University

Namibia
176. National Univ. of Sci. and Tech. in Windhoek

Nepal
177. Kathmandu University
178. Tribhuvan University

Nigeria
179. Covenant University
180. University of Ibadan
181. University of Nigeria, Nsukka
182. University of Benin
183. Olabisi Onabanjo University

Oman
184. SQU - Sultan Qaboos University
185. MEC - Middle East College
186. GCET – Global College of Engineering and Technology

Pakistan
187. Dawood University of Eng and Technology, Karachi
188. Government College University Faisalabad
189. Mehran University of Eng and Tech, Jamshoro, Sindh
190. Riphah International University, Lahore Campus
191. University of Engineering and Technology, Lahore
192. UOT – Nowshera
193. Information Technology Univ. of the Punjab, Lahore
194. Sindh Institute of Management & Technology (SIMT), Karachi
195. NED University of Engineering & Technology, Karachi

Panama
196. Quality Leadership University (QLU) - #298
197. ULatina

Papua New Guinea
198. Papua New Guinea University of Technology

Paraguay
199. National University of Asuncion
200. Universidad del Cono Sur de las Américas
201. Colegio Técnico Nacional, Asuncioón

Peru
202. National Univ of San Antonio Abad, Cusco
203. Universidad de Lima (ULima)
204. Universidad Peruana de Ciencias Aplicadas (UPC)
205. Universidad Ricardo Palma (URP)
206. Pontificia Universidad Católica del Perú (PUCP)
207. Universidad Privada del Norte (UPN)
208. Universidad Continental (UContinental)
209. Universidad de Ingeniería y Tecnología (UTEC)
210. Universidad Nacional de Ingeniería (UNI)
211. University of San Martin de Porres (USMP)
212. Universidad Nacional Tecnológica de Lima Sur
213. Universidad Nacional de San Agustín de Arequipa

Philippines
214. Bulacan State University, Malolos City, Bulacan
215. LPU Laguna
216. Mapua University
217. De La Salle University (DLSU) Manila
218. Adamson University
219. CEBU Technological University
220. University of San Jose-Recoletos
221. Quezon City University
222. De La Salle Lipa

Portugal
223. ISEL – Instituto Superior De Engenharia de Lisboa
224. FCT NOVA

Puerto Rico
225. Polytechnic University of Puerto Rico

Qatar
226. Qatar University
227. Hamad bin Khalifa University, Doha

Saudi Arabia
228. Alfaisal University
229. Effat University
230. King Abdulaziz University (KAU)
231. King Abdulaziz University, Rabigh
232. King Fahd University of Petroleum and Minerals (KFUPM)
233. King Khalid University, Abha
234. King Saud University (KSU)
235. Umm Al-Qura University (UQU)
236. Princess Nourah University (PNU)
237. Prince Sattam Bin Abdulaziz University
238. Prince Sultan University (PSU)
239. Taibah University
240. University of Tabuk
241. Taibah University
242. University of Business and Technology
243. King Khalid University, Abha
244. University of Bisha
245. Taif University
246. Al-Yamamah University
247. Al-Yamamah University, Al Khobar
248. Mustaqbal University
249. AlMaarefa University, Riyadh
250. Islamic University of Madinah

Singapore
251. SUSS

South Africa
252. Durban University of Technology (DUT)
253. Tshwane University of Technology (TUT)
254. University of Johannesburg (UJ)
255. University of South Africa (UNISA)
256. Vaal University of Technology (VUT)
257. CPUT

Sri Lanka
258. University of Kelaniya
259. University of Peradeniya

Sudan
260. Sudan University of Science and Tech Khartoum

Thailand
261. Chulalongkorn University, Bangkok
262. Chiang Mai University

Turkey
263. Turkish-German University
264. Uskudar University

UAE
265. University of Science & Technology of Fujairah

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266. University of Derby
267. University of the West of England, Bristol

USA
268. Central Connecticut State University
269. Eastern Michigan University
270. Lawrence Technological University, Michigan
271. University of the District of Columbia
272. Indiana State University
273. Florida Polytechnic University
274. Buffalo State College
275. Southern Arkansas University
276. Western Michigan University
277. Loyola University Chicago
278. Minnesota State University, Mankato
279. Central State University
280. University of Central Florida
281. Minnesota State University, Mankato
282. University of Texas – San Antonio (UTSA)
283. Capitol Technological University
284. Frostburg State University
285. Business School of Southern Arkansas University
286. Binghamton University State University of New York City
287. Georgia Tech (# 296)

Venezuela
288. Catholic University Andrés Bello, Caracas

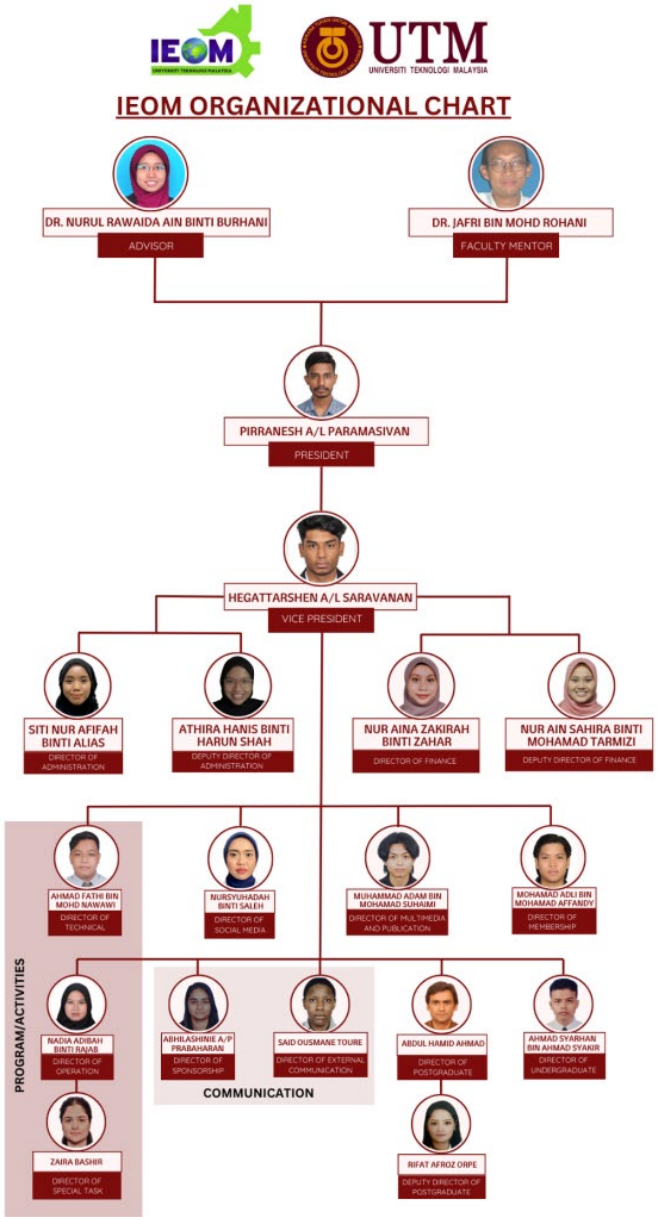
Vietnam
289. CFVG, Ho Chi Minh City, Vietnam

Zambia
290. University of Zambia
291. Copperbelt University
292. Evelyn Hone College

Zimbabwe
293. University of Zimbabwe, Harare
294. National University of Science and Technology
295. Harare Institute of Technology (HIT)
296. Women's University in Africa (WUA)
297. Chinhoyi University of Technology (CUT)

High School Chapters
298. Bay Area of San Francisco & San Jose, CA
299. Arongghata, Khulna, Bangladesh
300. Ironwood High School, Glendale, Arizona, USA
301. E-STEM, Columbus,Ohio

IEOM Student Chapter at University of Tabuk, Saudi Arabia



IEOM Student Chapter at Universitas Pakuan, Bogor, Indonesia

IEOM Student Chapter at Hyderabad Institute of Technology and Management (HITAM), Hyderabad, Telangana, India

IEOM Student Chapter at Cape Peninsula University of Technology (CPUT), Cape Town, South Africa - IEOM CPUT Student Chapter

Advisory Committee Members

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Mr Bharet Morar, Department of Industrial and Systems Engineering, CPUT
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Prof Bring Botha, Department of Management and Project Management, CPUT
Prof Manimagalay Chetty, Department of Chemical Engineering, CPUT
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Mr Walter Kohlhofer, Department of Mechanical & Mechatronic Engineering, CPUT
Mr Simphiwe Nqabisa, Department of Mechanical & Mechatronic Engineering, CPUT
Dr Adeel Sambo, Department of Operations Management, CPUT
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Ms Lilian Ganduri, Department of Industrial and Systems Engineering, CPUT
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Ms Xihlovo Baloyi, Department of Operations Management, CPUT
Ms Vuyokazi Maku, Department of Operations Management, CPUT
Mr Willy Ngetich, Department of Industrial and Systems Engineering, CPUT
Mr Willy Mukendi, Department of Industrial and Systems Engineering, CPUT
Mr Tinashe Tendayi, Department of Industrial and Systems Engineering, CPUT
Mr Magbiti Monzambe, Department of Industrial and Systems Engineering, CPUT

Members

Name	Surname	Qualification
Jerome Edward	Lubbe	MEng: Engineering Management
Dieudonne Kalombo	Kayemba	MEng: Engineering Management
Marvyn Earl	Wilson	MEng: Engineering Management
Morope Ntsoaki	Lekalakala	MEng: Engineering Management
Nosiphelo	Mananga	MEng: Engineering Management
Guilain	Murhabazi	PgDip: Engineering Management
Robyn	Cornelius	MEng: Quality
Bulelani Christopher	Maqaqa	MEng: Quality
Silver Takudzwa	Machisa	DEng: Electrical Engineering
Nathan	Coetzee	Doctor of Business and Management Sciences
Vuyiseka Vuyokazi	Sityoshwana	Doctor of Business and Management Sciences (Operations Management)
Onikho	Myendeki	Master of Business and Management Sciences (Operations Management)
Nomzamo	Funda	Master of Business and Management Sciences (Operations Management)
Nolubabalo Amanda	Mbambezeli	Master of Business and Management Sciences (Operations Management)
Taskeen Prylle-Chrisyll	Williams	Master of Business and Management Sciences (Operations Management)
Jean-Claude	Kabala	Master of Business and Management Sciences (Operations Management)
Siphokazi	Jwaxa	Master of Business and Management Sciences (Operations Management)
Vuyelwa	Dlayedwa	Master of Business and Management Sciences (Operations Management)
Robin Matthew	Atson	Postgraduate Diploma: Supply Chain Management
Asavela	Somfongo	Postgraduate Diploma: Supply Chain Management
Vuyani Denniltone	Makhubele	Postgraduate Diploma: Supply Chain Management
Thandiwe Siphesihle	Dube	Postgraduate Diploma: Supply Chain Management
Amanda Okuhle	Fono	Postgraduate Diploma: Supply Chain Management
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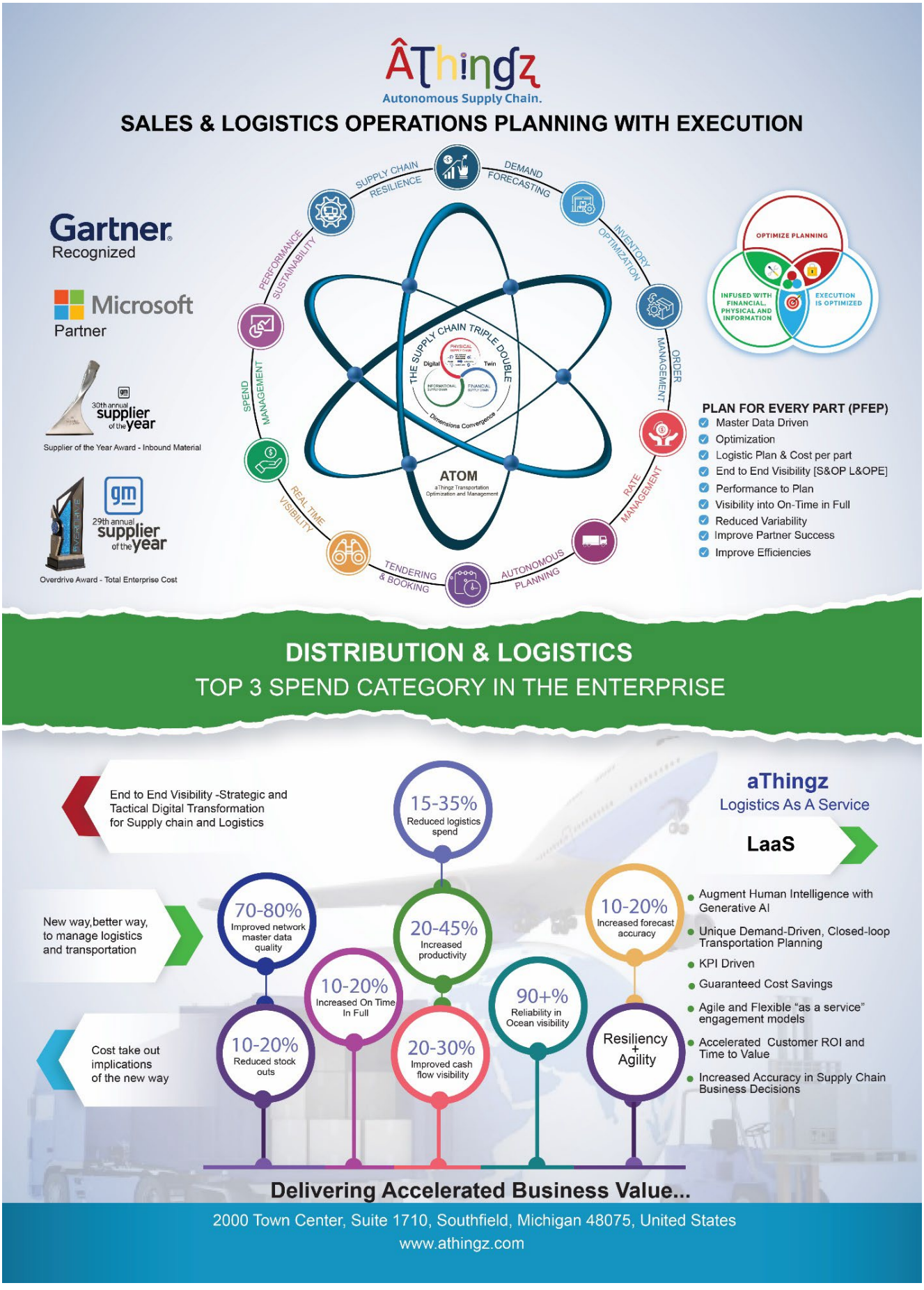
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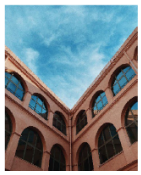

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