

Welcome to the 4th South American Conference on Industrial Engineering and Operations Management in Lima, Peru

To All-Conference Attendees:

On behalf of the IEOM Society International, we would like to welcome you to the 4th South American **International Conference on Industrial Engineering and Operations Management**, May 8-11, 2023, hosted by Universidad Ricardo Palma, Universidad Nacional de Ingeniería (UNI) and Pontificia Universidad Católica del Perú (PUCP). The venue is JW Marriott Hotel Lima. This unique international conference provides a forum for academics, researchers, and practitioners from many industries to exchange ideas and share recent developments in the fields of industrial engineering and operations management. This diverse international event provides an opportunity to collaborate and advance the theory and practice of major trends in industrial engineering and operations management. There were more than 200 papers/abstracts submitted from 34 countries. After a thorough peer-review process, more than 150 have been accepted for presentation and publication. The program includes many cutting-edge topics in industrial engineering and operations management.

This conference will address many of the issues concerning the continuous improvement of quality and service. The IEOM Society is delighted to have the following keynote speakers at the 4th South American Conference:

1. Dr. Elio Iván Rodríguez Chávez, Rector, Universidad Ricardo Palma
2. Dr. Wester Zela, Professor and Director of the UNI AI Laboratory, National University of Engineering (UNI), Lima, Peru
3. Dr. Ivan Garibay, Associate Professor, Industrial Engineering and Management Systems, University of Central Florida
4. Bernardo Rubinstein, Partner, McKinsey & Company, Peru
5. Dr. Domingo González, Vice President for Administration at Pontificia Universidad Católica del Perú (PUCP)
6. Eduardo Herrera, CEO, Celepsa, Lima, Peru
7. George Reinoso Vasquez, Plant Optimization Manager – Peru Plant, Goodyear Tire & Rubber Company, Callao, Peru
8. Dr. Tania Cristina D'Agostini Bueno, CEO, Instituto de Governo Eletrônico, Inteligências e Sistemas – i3G, Brazil
9. Carolina Carbone Moane, Client Experience Manager, Mibanco, Peru
10. Alberto Valle, Country Business Unit Manager – Factory Automation, Siemens, Lima, Peru
11. Ing. Esp. Roberto Giordano, Decano de la facultad de ingeniería, Universidad de FASTA, Argentina
12. Dr. Miguel Ángel Gómez Martínez, Departamento de ingeniería, Universidad de Guanajuato, Guanajuato, Mexico
13. Luis Felipe Turbides, Director of IT, Optimization and Projects, DP World Callao, Peru
14. Professor Edward J. Williams, Educator at University of Michigan – Dearborn and Senior Technical Specialist at PMC
15. Dr. Neyara Radwan, Associate Professor, Mechanical Engineering, Faculty of Engineering, Suez Canal University, Egypt & Associate Professor & the Quality Assurance Officer for the PhD program, King Abdulaziz University, Saudi Arabia
16. Professor Eldon G. Caldwell Marin, Professor, Industrial Engineering Department, University of Costa Rica

At this conference, the IEOM Society will hold its Global Engineering Education session. It will feature distinguished speakers who will discuss workforce readiness and engineering education challenges and opportunities. The IEOM Industry Solutions will showcase will also be held and feature major topics including IoT, AI, data analytics, iCloud, cybersecurity, automation, digital manufacturing, and industry best practices. The IEOM Global Supply Chain and Logistics will address the global logistic challenges due to the pandemic. Panel sessions have been planned: Global Engineering Education, Supply Chain, Women in Industry and Academia, Lean Six Sigma and Diversity & Inclusion sponsored by Ford Motor Company.

The IEOM Society would like to express our deep appreciation to our sponsors, university partners, organization partners, exhibitors, authors, reviewers, keynote speakers, panelists, track chairs, advisors, the local committee, and the many volunteers who have given so much of their time and talent to make this unique international conference an overwhelming success.

Our conference host, URP, UNI and PUCP, would like to extend a warm welcome to all participants.

Our very best wishes to all of you for a successful and memorable event.



Dr. Mario Chauca
Conference Chair
Professor
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Mag. Ing. Luis Alberto Zuloaga Rotta
Conference Co-Chair
Decano, Facultad De Ingeniería Industrial Y De Sistemas,
Universidad Nacional de Ingeniería (UNI), Lima, Perú



Dr. Sandro Paz
Conference Co-Chair
Professor and Director
Department of Industrial Engineering Program
Pontificia Universidad Católica del Perú (PUCP)



Dr. Ahad Ali
Conference Co-Chair
Associate Professor and Director of IE Program
Lawrence Tech University
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Executive Director of IEOM



Prof. Don Reimer
Program Co-Chair
Director of Membership and Chapters – IEOM Society
President, The Small Business Strategy Group,
Southfield, Michigan, USA