

# Welcome to the 3<sup>rd</sup> South American Conference on Industrial Engineering and Operations Management in Paraguay

## To All-Conference Attendees:

On behalf of the IEOM Society International, we would like to welcome you to the 3<sup>rd</sup> South American **International Conference on Industrial Engineering and Operations Management**, July 18-21, 2022, hosted by Asuncion National University, Paraguay. The venue is Holiday Inn & Suites Across from Universal Orlando. 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 450 papers/abstracts submitted from 35 countries. After a thorough peer-review process, more than 320 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 3<sup>rd</sup> South American Conference:

1. Mr. Sumihoro Takaoka, President, Sumi S.A. President, Japan Paraguay Chamber of Commerce
2. Dr. Heriberto Garcia-Reyes, PhD, Regional Chairman, Industrial Engineering Department, Tecnológico de Monterrey, Monterrey, Mexico
3. Professor Duc Truong Pham, Chance Professor of Engineering, Director of Research, Department of Mechanical Engineering, University of Birmingham, Birmingham B15 2TT United Kingdom
4. Dr. Sérgio Shimura, Federal Institute of Education, Science and Technology of São Paulo, Brazil
5. Claudio Vierci, Director-Presidente, Vierci Development, Paraguay
6. Dr. Clinton AIGBAVBOA, Professor, Department of Construction Management and Quantity Surveying, University of Johannesburg, South Africa
7. Jill Hosmer- Jolley PhD, MBA, Neurodiversity Accessibility Consultant, MBA Faculty, California State University, Monterey Bay, Management coaching, DEI, CSR, HR, OB., Monterey, California, USA
8. Alfred Fast, CEO, Fecoprod Ltda. and President, El Instituto de Biotecnología Agrícola (INBIO), Asuncion Paraguay
9. Marco Carvalho, CEO, Matza Education, São Paulo (SP), Brazil
10. Prof. Samuel Wiens Bartel, Professor, Universitario para Liderazgo y Desarrollo Personal, Paraguay
11. Dr. Mario Chauca, Professor, Ricardo Palma University, Santiago de Surco, Peru
12. Prof. Dr. Marcelo Castier, Dean of the Faculty of Engineering Sciences, UPA – Universidad Paraguayo Alemana / German Paraguayan University, San Lorenzo, Paraguay
13. Michel Baudin, Owner, Takt Times Group, Co-founder, Grokcity, Inc., Palo Alto, California, United States

At this conference, the IEOM Society will hold its 31<sup>st</sup> Global Engineering Education session. It will feature distinguished speakers who will discuss workforce readiness and engineering education challenges and opportunities. The 30<sup>th</sup> IEOM Industry Solutions will showcase will also be held and feature major topics including IoT, AI, data analytics, iCloud, cybersecurity, automation, digital manufacturing, MSV, and industry best practices. The 10<sup>th</sup> IEOM Global Supply Chain and Logistics will address the global logistic challenges due to the pandemic. The first IEOM Global Business Management will focus on business operations improvement. 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, Asuncion National University, Paraguay, 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. Jorge Kurita**, Conference Chair  
Research Faculty  
Department of Industrial  
Engineering  
Asuncion National University,  
Paraguay



**Dr. Ahad Ali**  
Associate Co-Chair  
Associate Professor and Director  
of Industrial Engineering  
Programs, Lawrence Tech  
University, Michigan, USA  
Executive Director, IEOM Society



**Prof. Vitor M. Caldana**  
Conference Program Chair  
IFSP – Instituto Federal de  
São Paulo  
Campus Sorocaba  
Sao Paulo, SP, Brazil



**Prof. Don Reimer**  
Program Co-Chair  
Director of Membership and  
Chapter Development  
IEOM Society International  
President, The Small Business  
Strategy Group, Detroit, USA