



The Fifth African International Conference on Industrial Engineering and Operations Management

Johannesburg/Pretoria, South Africa, April 23-25, 2024

Conference theme: Shaping the future of Industry 5.0 in Operational Systems

Host: University of South Africa in collaboration with Society of Operations Management in Africa (SOMA)

Venue: Council for Scientific and Industrial Research International Convention Center (CSIR ICC)

<http://ieomsociety.org/southafrica2024/>

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IEOM Society International is organizing the 5th African International Conference on Industrial Engineering and Operations Management in Pretoria, South Africa, April 23-25, 2024. The conference aims to provide a forum for academics, researchers and practitioners to exchange ideas and recent developments in the field of Industrial Engineering and Operations Management. Authors can submit full paper(s) or abstract(s) only for presentations. Abstracts without full academic paper submissions should give opportunities for projects and industrial representatives to share their knowledge and experiences. IEOM encourages submission of full paper(s). All full papers are subjected to double peer review. Accepted papers will be published in proceedings and indexed.

Tracks: Topics covering industrial issues/applications and academic research include, but are not limited to:

Artificial Intelligence
 Automation and Control
 Business Management
 Case Studies
 Computers and Computing
 Data Analytics and Big Data
 Decision Sciences
 Design and Analysis
 E-Business and E-Commerce
 Energy
 Engineering Education
 Engineering Management
 Entrepreneurship and Innovation
 Facilities Planning and Management
 Financial Engineering
 Healthcare Systems
 Human Factors and Ergonomics
 Industrial Management
 Industry 4.0
 Information Technology/Information Systems
 Inventory Management
 IoT
 Lean and Six Sigma
 Logistics Management

Mechatronics
 Modeling, Simulation and Visualization
 Occupational Safety and Health (OSH)
 Operations Management
 Operations Research
 Product Design and Development
 Product Lifecycle Management
 Production Planning and Management
 Project Management
 Quality Control and Management
 Reliability and Maintenance
 Service Systems and Service Management
 Statistics and Empirical Research
 Supply Chain Management
 Sustainability and Green Systems
 Sustainable Manufacturing
 Systems Dynamics
 Systems Engineering
 Technology Management
 Total Quality Management
 Transportation and Traffic
 Waste Management
 Work Design, Measurement and ISO

Panels
 Diversity and Inclusion
 Global Engineering Education
 Global Project Management
 Global Supply Chain and Logistics
 Globally Competitive Rail Manufacturing
 Industry Solutions and Industry 4.0
 Innovation and Entrepreneurships
 Lean Six Sigma
 Occupational Safety and Health (OSH)
 Sustainability
 Women in Industry & Academia

Competitions
 Undergraduate Student Paper Competition
 Undergraduate Research Competition
 Senior Design Project Competition
 Graduate Student Paper Competition
 Master's Thesis Competition
 Doctoral Dissertation Competition
 Lean Six Sigma Competition
 SCM Competition
 Human Factors and Ergonomics Competition
 Simulation Competition

Conference Chairs

Dr. Anthea Amadi-Echendu, University of South Africa (UNISA)
 Prof. Ahad Ali, LTU and Executive Director of IEOM Society, USA
 Prof. Clinton Aigbavboa, University of Johannesburg
 Prof. Didibhuku Wellington Thwala, University of Johannesburg
 Prof. Joke Buhrmann, University of the Witwatersrand (Wits)
 Prof. Kemlall Ramdass, University of South Africa (UNISA)

Prof. Khumbulani Mpfu, Tshwane University of Technology (TUT)
 Dr. Oludolapo Akanni Olanrewaju, Durban University of Technology (DUT)
 Prof. Sarma Yadavalli, University of Pretoria (UP)
 Prof. Thomas Tengen, Vaal University of Technology (VUT)
 Prof. Nita Sukdeo (University of Johannesburg)

Conference General Chairs

Professor Charles Mbohwa, Past Pro-Vice Chancellor Strategic Partnerships and Industrialisation, University of Zimbabwe, Harare, Zimbabwe
 Professor Don Reimer, Adjunct Professor, Lawrence Tech University and President, The Small Business Strategy Group, Detroit, Michigan, USA

Submission of abstracts 30 September 2023
 Submission of full papers 28 January 2024
 Early bird registration 15 December 2023
 Standard registration 15 February 2024
 Late registration 25 March 2024

Submission link: <https://www.xcdsystem.com/IEOM/abstract/index.cfm?ID=6QVTEVt>

Website access: <http://ieomsociety.org/southafrica2024>



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