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الجامعة الأميركية في الشارقة
American University of Sharjah

CIE50



The 50th International Conference on
Computers & Industrial Engineering

October 30 - November 2, 2023

American University of Sharjah,
United Arab Emirates



SJSU SAN JOSÉ STATE
UNIVERSITY

The 50th International Conference on Computers & Industrial Engineering (CIE50)

The 50th International Conference on Computers and Industrial Engineering (CIE 50) will be host by the American University of Sharjah, United Arab Emirates from October 30th – November 2nd,2023.

CIE 50 aims to gather researchers to disseminate and discuss state-of-the-art advancements in the areas of Industrial Engineering, Computers, Manufacturing, Management, and other related areas. The conference will witness the participation of distinguished speakers from all over the world in the different disciplines of Industrial Engineering, with keynote speeches from distinguished scientists in advanced topics.

This is the latest in the series sponsored by [*Computers & Industrial Engineering: An International Journal*](#), published by Elsevier. Its Impact Factor was 7.18 in 2022, and its Cite Score was 9.7 for the same year, placing it at the 96th percentile among general engineering journals.

The conference theme will be “Sustainable Digital Transformation”

The CIE 50 program will include guest speakers, peer reviewed technical program, demos, short papers, posters, and invited sessions on the same or related topics, industrial presentations, and exhibition around but not limited to the following topics:

- Smart Manufacturing Systems
- Additive Manufacturing and 3D printing
- Advanced Process Control
- Industrial Internet of Things
- Cyber-Physical Systems
- Humanitarian and Emergency Logistics
- Modeling & Decision Analysis
- Discrete event, Agent Based simulation
- Simulation Optimization & Applications
- Manufacturing Innovation
- Resilient Smart Factories
- Reliability Engineering, and Predictive Maintenance
- Human Factors Engineering and Ergonomics
- Health and Safety Engineering and Management
- E-Business and E-Commerce
- Sustainable and Smart Transportation Systems
- Quality Control and Management
- Enterprise Engineering
- Decision Support Systems
- Production Planning and Operations
- Scheduling
- Technology and Knowledge Management
- Digital Transformation
- Big Data Analytics & Applications
- Resilience Supply Chains and Logistics Model
- Operations Research and Optimization
- Facilities Planning and Design
- Service Innovation and Management
- Lean Manufacturing and Six Sigma
- Design for X
- Data Mining and Business Intelligence
- Artificial Intelligence and Machine learning applications
- Organizational Resilience
- Product Process, Service and Software Design Management
- Reverse Engineering
- Smart Cities Management Models
- Healthcare Management Systems
- Sustainable Supply Chain Management
- Project Management and Control
- Enterprise Resource Planning Systems
- Urban Air Mobility Models
- Optimization of renewable energy resources

Important Dates:

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|--------------------------------------|-------------------------------------|
| Special Session Submission Deadline: | March 30th, 2023 |
| Paper Submission Deadline: | May 30th, 2023 |
| Acceptance Notification: | June 30th, 2023 |
| Early Bird Registration Deadline: | July 30th, 2023 |
| Final Paper Submission Deadline: | August 15th, 2023 |

Proceedings and Special Issue:

Conference proceedings carrying the ISSN identifier of CIE50 for the CD-ROM version and 2164-8689 for the online version. Both are also indexed in Scopus and El Compendex. The proceedings will be published by Curran & Associates, posted on the website <https://www.computers-and-ie.org/>. Extended versions of selected articles will published in a special issue of ELSEVIER Computers and Industrial Engineering Journal (ISSN 0360-8352). Extended versions of selected papers on “Maintenance digital transformation” can be published as a special issue of *Journal of Quality in Maintenance Engineering* (ISSN 1355-2511).

Conference Co-Chairs:

Yasser Dessouky, San Jose State University, United States of America
Abdulahim Shamayleh, American University of Sharjah, United Arab Emirates

Conference Website:

Updated and detailed information of CIE50 will be published on the website of the conference at <https://info.aus.edu/cie50>

Competitions and Awards:

- Best conference paper award certificate
- Best student paper award
- Best poster award
- Best undergraduate senior project award

Paper submission:

CIE50 offers two options for paper submissions and publications at the same registration rate:

1. Full papers are reviewed for presentation at the conference as well as for publication in the conference proceedings.
2. Abstracts(only) will be reviewed for presentation at the conference without publishing in the conference proceedings.

Call for special sessions:

The goal of special sessions is to provide focused discussions on new topics or innovative applications. Each prospective session organizer must submit a proposal, including the title of the session, a short description and the organizer name. Please contact us as soon as possible for assistance in the organization of your special session.

Contact Information:

Email: ine@aus.edu

Website: <https://info.aus.edu/cie50>

