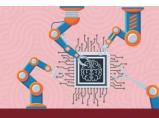Taichung,TAIWAN | JUNE 23-26 , 2024

Annual Conference

{ A dedication to Professor Bill Sullivan, Co-Founder of FAIM, in memory of his leadership and contributions }

The 33rd International Conference on Flexible Automation and Intelligent Manufacturing (FAIM2024)

FAIM 2024

FAIM (Flexible Automation and Intelligent Manufacturing) international conference had been a globally recognized platform facilitating the exchange of cutting-edge research, theories, and practices in the field of automation and manufacturing. With a history of over 30 years, FAIM has established itself as a prominent forum in the international manufacturing community, offering valuable insights into both technological advancements and managerial approaches. The conference encompasses a range of activities, including scientific sessions, workshops, tutorials, and industry tours, providing a comprehensive platform for academia and industry professionals to connect. Since its inception in 1991, FAIM conferences have been hosted by renowned universities across Europe, America, and Asia. Each year, the conference attracted hundreds of influential researchers in automation and manufacturing fields, featuring a rigorous peer-review process to select approximately 250-300 high-quality research papers for its program. This multi-day event serves as a conduit for fostering collaboration and knowledge-sharing between researchers and industry practitioners, with the ultimate goal of bridging the gap between research findings and practical implementations.

Feng Chia University

FAIM 2024 is hosted by Feng Chia University (FCU), a comprehensive, doctoral-degree granting university that has earned recognition as one of the most promising comprehensive universities in Taiwan. FCU is located in Taichung City, the center of cultural, economic, and commercial development of central Taiwan, with convenient land, sea, and air transportation. Home to six million residents in Central Taiwan, Taichung city has been ranked as the most livable and fastest-growing metropolitan area in Taiwan with a mild climate, and clusters of machine tools, bicycles, aircraft maintenance & overhaul, photoelectric panels, precision machinery parts, and microelectronics/semiconductor manufacturing.

▲FCU

Theme and Topics

The theme of FAIM 2024 is "*Manufacturing Innovation and Preparedness for the Changing World Order: Smart Manufacturing Enabled by Cyber-Physical Systems and Distributed & Secured Global Supply Chains.*"

▲Experiencing a nearby busy night market

Topics include, but are not limited to:

- Manufacturing Processes
- Manufacturing systems – design, modeling, process monitoring, planning, control, reconfiguration, networking, etc.
- Applied AI and Machine Learning in manufacturing
- Manufacturing Cyber-physical systems, Cybersecurity
- Digital manufacturing, IIoT, digital twins
- Machine Tools, Robotics, and Assembly Systems
- Logistics and Supply Chain Engineering
- Manufacturing Ergonomics, Health and Safety
- Lean Manufacturing, TPM, TQM, Gemba Kaizen.
- Sustainable Manufacturing and Enterprises
- Manufacturing Education and Case Studies

High Visibility Refereed Publication

All accepted papers presented in FAIM 2024 will be published in *Lecture Notes in Mechanical Engineering* (Springer) or *Manufacturing Letters* (Elsevier), indexed by Scopus. Authors of high caliber full-length manuscripts may opt to have their work reviewed for possible publication in *Robotics and Computer-Integrated Manufacturing* (Elsevier), *International Journal of Advanced Manufacturing Technology* (Springer), or *SME Journal of Manufacturing Systems* (Elsevier), following a special 'fast-track' review process. Post-conference special issues for extended version of selected conference papers will appear in several other refereed journal publications. Authors of accepted papers must present their work at the conference, otherwise their papers will be removed from the conference proceedings, IJAMT, or RCIM.

Further Information & Important Deadlines

Site: www.faimconference.org , email: faim2024conference@gmail.com
November 15, 2023: Abstracts and Special Session Proposals submission
February 1, 2024: Full paper submission
March 15, 2024: Review results available
April 1, 2024: Revised manuscript
April 15, 2024: Notice of paper acceptance

▲National Music Performance Center