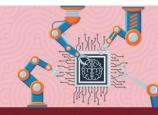Taichung,TAIWAN | JUNE 23-26 , 2024
Annual Conference

{ 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 2025

The FAIM (Flexible Automation and Intelligent Manufacturing) international conference is well-known for its role in advancing research, theories, and practices in automation and manufacturing. Over the years, FAIM has proven to offer valuable insights into technological advancements and managerial strategies. By providing scientific sessions, workshops, tutorials, and industry tours, the FAIM platform offers a comprehensive connection for academics and industry professionals. Throughout its history, FAIM has been hosted by several universities across Europe, America, and Asia. The FAIM conference selects approximately 250-300 high-quality research papers through an accurate and strict peer-review process, published by hundreds of influential researchers in automation and manufacturing. This encourages cooperation between researchers to bridge the gap between research and practical application.

Binghamton University

FAIM 2025 is hosted by Binghamton University (BU), one of the four public research universities in the State University of New York (SUNY). BU is well known for its academic excellence and innovative research. BU is located in the southern region of New York State. The location of BU allows for a convenient and short gateway to major cities like New York, Boston, and Philadelphia. The thriving community and rich cultural scene make BU an attractive destination for students, offering numerous opportunities for professional and personal growth. The beauty of the city's nature makes it an ideal place for academic achievement and outdoor activities.

Theme and Topics

The theme of FAIM 2025 is "The Future of Automation & Manufacturing: Intelligence, Agility, and Sustainability."

Topics include, but are not limited to:

- Flexible Automation Technologies and Collaborative Automation
- AI for Intelligent Manufacturing and AI for Dynamic Decision-Making
- Digital Twins and Digital Twin-Driven Smart Manufacturing
- Cybersecurity in Manufacturing and Cyber-Security and Data Protection
- Sustainable Supply Chains and The Hyper-Connected Supply Chain
- The Human Factor in Intelligent Manufacturing
- The Impact of Emerging Technologies, including Additive Manufacturing, Autonomous Robots, and Augmented Reality and Virtual Reality in Manufacturing
- Production Planning and Scheduling and On-Demand Manufacturing
- Resilient Manufacturing
- Global Manufacturing Collaboration
- The Ethical Framework for Smart Manufacturing

High Visibility Refereed Publication

All accepted papers presented in FAIM 2025 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: faim2025@binghamton.edu.com
December 15th, 2024: Abstracts and Special Session Proposals submission
March 15th, 2025: Full paper submission
May 15th, 2025: Registration