

2011

TAIWAN

# FAIM

21st International Conference on  
Flexible Automation and Intelligent Manufacturing

FAIM2011  
2011  
June 26~29

The 21st International Conference of Flexible Automation and Intelligent Manufacturing (FAIM2011) will be hosted by the Feng Chia University in Taichung, Taiwan. Taichung is located in the central area of Taiwan and it is about 100 km away from Taiwan's Taoyuan International Airport conveniently connected by the nation's high-speed rail system and freeway bus systems. The conference location is also adjacent to the most famous Night Market of Taiwan. Visitors to Taichung often enjoy area natural attractions such as Sun-Moon Lake, forest parks and the National Palace Museum which has a permanent collection of over 677,687 pieces of ancient artifacts and artworks, making it one of the largest in the world.

The theme of the 21st International Conference on Flexible Automation and Intelligent Manufacturing (FAIM 2011) is "**Enterprise Transformation for Global Manufacturing Competitiveness**". Markets, information flows, and technologies have become globally oriented. Global networks and sourcing have changed the costs of doing business. Many factories that had operated as closed systems have become integrated into globalized, cost-driven production networks.

Any enterprise that intends to compete effectively must strengthen services, technologies, processes, and design methods.

At FAIM2011, participants will present and discuss research findings, best practices, and future trends regarding enterprise transformation in the context of global competitiveness and rapidly advancing technologies. The conference will cover a range of topics in which include but are not limited to:

- Artificial Intelligence in Manufacturing
- Bio-Engineering and Biomechanics
- CAD/CAM/CIM/FMS/MES
- Concurrent Engineering
- Engineering for Sustainability, Education, and Training
- Enterprise Knowledge Management
- Environmental Health, and Safety Engineering
- Global Manufacturing, Supply Chain, and Logistics
- Human Factors
- Industrial Automation and Process Control
- IT and Internet Applications
- Inventory Control
- Lean and Agile Manufacturing
- Manufacturing Processes and Technology
- Manufacturing Systems
- Modeling and Simulation
- Product Development and DFMA
- Production Planning and Scheduling
- Rapid Prototyping
- Services and Operations Management
- Six Sigma and TQM
- Technology Management and Innovations
- Other Relevant Topic

## Important Dates

### Abstracts

Abstract Submission Deadline: 25th November, 2010

Notification of Abstract Acceptance: 17th December, 2010

### Full Papers

Latest Due Date: 31st January, 2011

Notification of Paper Acceptance: 31st March, 2011

### Registration

Early-Bird Rate: on or before: May 1st, 2011

Deadline for presenting authors: May 15th, 2011

### Conference Dates

26th-29th June, 2011

## Registration

The full registration fee will cover all conference sessions, an electronic copy of the proceedings, refreshments, and the conference banquet.

The student registration fee will cover all sessions of the conference and an electronic copy of the proceedings. Prospective attendees canceling registration after the the published deadline (6 May, 2011)

will result in processing/publication fees. Consult the website at

[www.LeanEnterpriseSystems.org/faim2011/](http://www.LeanEnterpriseSystems.org/faim2011/)

for more details.

FAIM2011 accepts submissions of abstracts relating to any topic within the scope of the conference. Abstracts should be written in English and should contain no more than 300 words. Abstracts will be subjected to peer review process; corresponding authors will be notified of the outcomes. Authors of accepted abstracts will be asked to submit a complete paper for further peer review and eventual publication in the conference proceedings. A maximum of two papers per author will be permitted. At least one author must register for the conference in order to have the paper published in the proceedings (in hard bound copies and USB Drive format). More detailed information and instructions are available on the website at

[www.LeanEnterpriseSystems.org/faim2011/](http://www.LeanEnterpriseSystems.org/faim2011/)

Primary authors of selected high-quality papers will be urged to extend and refine their manuscript contents for submissions to fast-track peer-review processes for potential publications in international scientific refereed journals such as Robotics and Computer-Integrated Manufacturing, Journal of Manufacturing Systems, International Journal of Advanced Manufacturing Technology, etc.

## Conference Committee

### Honorary Chairperson :

Pao Long Chang, Feng Chia University, Taiwan

### Co-Chairpersons :

Munir Ahmad, Teesside University, Middlesbrough, U.K

F. Frank Chen, The University of Texas at San Antonio, U.S.A

Bill Sullivan, Virginia Polytechnic Institute and State University, U.S.A.

Yi-Chi Wang, Feng Chia University, Taiwan

## Contact

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