

FAIM2017

27th International Conference on Flexible Automation and Intelligent Manufacturing

June 27-30, 2017
Modena, Italy



Call for Papers

Conference Chair

Prof. Marcello Pellicciari,
University of Modena and Reggio
Emilia (IT)

Honorary Chairs

Prof. William Sullivan,
Virginia Tech, VA (USA)

Prof. Munir Ahmad, University of
Teesside, Middlesbrough (UK)

Prof. Angelo O. Andrisano,
University of Modena and Reggio
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Program Chair

Dr. Margherita Peruzzini,
University of Modena and Reggio
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The 27th International Conference on Flexible Automation and Intelligent Manufacturing (FAIM2017) is a leading international forum to disseminate the most recent and relevant research, theories and practices on Automation and Manufacturing. Following the success of the earlier conferences, **the FAIM 2017 conference will be hosted by the University of Modena and Reggio Emilia and will be held on June 27-30, 2017 in Modena, Italy.** The conference will link researchers and practitioners from industry and academia specialising in automation, manufacturing and other related engineering disciplines from around the world.

Modena is located into the Emilia region, which is famous for its cutting edge **Advanced Manufacturing** (packaging machines, robotics, gearboxes, fluid power, ceramics tiles, pharmaceuticals, etc.), **Automotive** and **Food industries**. In particular, Modena is the beating heart of the **"Motor Valley"**, which includes companies like Ferrari, Lamborghini, Maserati, CHN industrial, Ducati, Pagani.

The FAIM2017 conference will offer regular scientific conference sessions and workshops focused on specific FAIM topics, industrial visits and a variety of social events to discover the excellences of the Modena and the Emilia region area.

Theme and Topics:

the conference theme is **"Intelligent Manufacturing and Engineering Methods for Industry 4.0"**. The topics include but are not limited to:

- Engineering Design Methods and Tools for Industry 4.0;
- Sustainable Manufacturing Engineering and Resource-Efficient Production;
- Artificial Intelligence in Manufacturing;
- Manufacturing Ergonomics and Human Factors;
- Manufacturing Operations, Supply Chain and Logistics;
- Robotics and Computer Integrated Manufacturing;
- CAD/CAE/CAM/PLM/CIM/DFX/MES;
- Additive and Subtractive Manufacturing;
- Smart Factories and Industrial Internet of Things;
- Big Data Analytics in Manufacturing and Services;
- Innovative Manufacturing Systems and Services.
- High Precision and Zero-Defect Manufacturing;
- Design and Manufacturing of Personalized Products and Services;
- Production Planning and Scheduling, Inventory Control;
- Lean and Agile Manufacturing;
- 6Sigma and TQM
- Health and Safety Engineering;
- Collaborative Robotics in Smart Manufacturing;
- Enterprise Knowledge Management;
- Manufacturing Process and Technology;
- Modelling and Simulation;
- Virtual Training and X-in-the-Loop Virtual Prototyping;
- Predictive Maintenance and Manufacturing Systems Reliability;

Important Dates:

December 1, 2016
December 22, 2016
January 31, 2017
March 31, 2017
April 30, 2017

Abstract and workshop proposals submission deadline
Notification of abstract and workshop acceptance
Full paper / poster submission deadline
Notification of Paper Review Result
Final Papers submission