

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, Teesside
University, Middlesbrough (UK)

Prof. Angelo O. Andrisano,
University of Modena and Reggio
Emilia (IT)

Program Chair

Dr. Margherita Peruzzini,
University of Modena and Reggio
Emilia (IT)

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. **FAIM2017 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 **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 includes **regular scientific sessions** and **special sessions (workshops)** focused on specific FAIM topics (for more information see the Submission pages). It also includes **industrial visits on June 30** and a variety of social events to discover the excellences of Modena and the Emilia region area.

Conference registration includes the **social event at MUSEO ENZO FERRARI on June 27** (both regular and student fees) - <http://museomodena.ferrari.com>

Proceedings: conference proceedings will be published on **PROCEDIA MANUFACTURING (ELSEVIER)**, indexed by **SCOPUS** and **THOMSON REUTER**. All conference papers will be published on **SCIENCE DIRECT** and freely accessible with **GOLD OPEN ACCESS** available in perpetuity to a worldwide audience. Best papers will be invited to publish an **extended version on selected international journals** (details coming soon).

FAIM2017 is supported by EFFRA, the European Factories of the Future Research Association.

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

Detailed instructions for preparation and submission of the scientific papers can be found at www.faim2017.org

Important Dates:

December 22, 2016

Abstract and workshop proposals submission deadline

December 23, 2016

Notification of abstract and workshop acceptance

January 31, 2017

Full paper / poster submission deadline

March 31, 2017

Notification of Paper Review Result

April 30, 2017

Final Papers submission