

International Joint Conference on Mechanics, Design Engineering & Advanced Manufacturing

The JCM 2016 originates as the 7th Joint Conference of ADM (Associazione Nazionale Disegno e Metodi dell'Ingegneria Industriale) INGEGRAF (Asociación Española de Ingeniería Gráfica) and AIP - PRIMECA (Ateliers Inter-établissements de Productique - Pôles de Ressources Informatiques pour la MECANIQUE). It invites all researchers, industry experts in the domain of "Interactive and Integrated Design and Manufacturing for Innovation" to disseminate their major and recent results, studies, implementations, tools and techniques at an international level.

The conference will be focused on the latest advances in Design Methods and Tools in Industrial Engineering and Architecture/Civil Engineering, with regard to:

- Innovative Design Methods
- Geometric Modelling and Industrial Design
- Virtual Reality and Interactive Design
- Integrated Product and Process Design
- Knowledge and Product Data Management
- Innovation in Architecture and Building Information Modelling
- Engineering methods in human-related applications

Authors will be invited to submit extended abstracts which will be peer reviewed for relevance to the conference topics. Full papers will be peer reviewed for acceptance with the essential corrections and proposed for oral presentation or poster session. Papers submission details will be available on the web site www.jcm2016ct.com

The procedure for the publication of all accepted papers on a volume indexed by SCOPUS is being defined.

Selected papers will be published on a thematic issue of the International Journal of Interactive Design and Manufacturing (IJIDeM).

TOPICS

Contributions on innovative methodologies and applications are encouraged with reference to listed topics:

- Industrial Design and ergonomics
- Interactive Design
- Knowledge based engineering
- Geometric Modelling and Analysis
- Integrated product and process design
- Product Data Exchange and Management
- Image processing and analysis
- Reverse Engineering
- Simulation and virtual approaches
- Virtual and augmented reality
- Geometric Product Specification and Tolerancing
- Geometric and functional characterization of products
- Experimental methods in product development
- Nautical, aeronautics and aerospace design and modelling
- Engineering methods in medicine
- Representation techniques
- Teaching product design and drawing history
- Surveying, Mapping and GIS techniques
- Building Information Modelling
- Innovative methods in architectural design
- Additive Manufacturing
- Teaching Engineering Drawing
- Advanced manufacturing
- Digital factory
- Smart production systems

ORGANIZING ASSOCIATIONS



PARTNER



PATRONAGE

Università degli Studi di Catania



University of Catania

The conference will take place in Catania, an Italian city on the east coast of Sicily facing the Ionian Sea, between Messina and Syracuse. Catania has had a long and eventful history, having been founded in the 8th century BC. In 1434, it witnessed the opening of the first university in Sicily.

JCM 2016 SEPTEMBER 14TH - 16TH 2016 CATANIA ITALY

ADM - IMProVe

IDMME - Virtual Concept

Ingegraf

KEY DATES

February 29th 2016

Extended Abstract (ebr2 pages) submission
(abstract@jcm2016ct.com)

March 10th 2016

Abstract relevance notification

April 25th 2016

Full paper submission deadline

May 20th 2016

Accepted paper notification

June 10th 2016

Revised paper submission and
author registration deadline

SCIENTIFIC COMMITTEE

CONFERENCE CHAIR:

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