

IMPORTANT DEADLINES

Submission deadline	January 15 th, 2022
Acceptance Notification	March 1 th, 2022
CRC Submission	March 10 th, 2022
Registration Submission	March 26 th, 2022

REGISTRATION

	People from Africa	People from other countries
Students	150 €	250 €
Academic	250 €	450 €
Industrial	350 €	500 €

SUBMISSION OF PAPERS

The official language of the conference is English. Authors should submit the full version of their manuscripts online through the conference website. Authors are invited to submit paper written in English.

Authors wishing to submit their full papers for the proceeding published by Springer are invited to submit full text in English following the template given in the website.

MAIN TOPICS

TOPIC 1: Industrial Instrumentation, measure and metrology

Industrial Instrumentation

- Metrology and uncertainty calculation
- Geometric dimensioning and tolerancing
- Smart Sensors for Industrial Applications

TOPIC 2: Industrial engineering and digital factory

- Industrial Process Engineering - Quality control and Management
- Maintenance and Logistics
- Cyber-Physical Production and Logistic Systems
- Dependability of industrial systems
- Digital Factory
- Knowledge Management Systems - Collaborative Engineering

TOPIC 3: Computing and Data-Driven Digital Industry

- Intelligent Systems: Enabling Technologies and Artificial Intelligence
- Ubiquitous and Pervasive Computing, Internet of Things
- Cybersecurity and Industrial Systems
- Robotics and Human-Machine-Interaction
- Business Data Engineering and Business Analytics
- Big Data, Cloud Computing, Business Intelligence, Innovations and Digital Transformation

TOPIC 4: Mechanical engineering and Mechatronics

- Dynamics of Structures and machines
- Materials - Behavior and structure
- Fluid Mechanics
- Mechatronics

TOPIC 5: Process and Integrated Manufacturing

- Manufacturing processes - Eco-manufacturing
- Integrated Manufacturing
- Innovative Processes
- Green Economy-Recycling, Remanufacturing, reuse and recovery of waste

TOPIC 6: Integrated Design

- Design of multiphysical systems
- Modelling and design of products and production systems-Eco-design
- Reverse Engineering

TOPIC 7: Health and Bioengineering

- Biomechanics
- Biomedical and industrial applications
- Biomedical Engineering
- Intelligent devices in Biomedical Applications

TOPIC 8: Additive Manufacturing

- Materials
- Technologies
- Processes development and optimization
- Industrialization

TOPIC 9: Embedded systems, control and modeling

- Embedded systems
- Modeling, Identification and Control of Dynamic systems
- Numerical Control and Industrial Supervision - Diagnostics

TOPIC 10: Integrated Energy production and management

- Innovative energy systems
- Renewable energy
- Energetic efficiency
- Energetic management

CONTACT

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SCOPE

The aim of this conference launched 21 years ago, is to support integrating approaches of production at the conceptual, methodological and technical levels and to promote a dialogue between members of the international innovative academic and industrial community.

This conference will emphasize on current research aiming at the best control and integration of the activities related to the product life cycle.

Your participation in the CPI 2022 edition will allow you to:

To gain in-depth product knowledge, implementation strategies, and industry trends .

To build relationships with colleagues specialized in all aspects of design and production.

To share your experiences and lessons learned with other experts.

To discover innovative solutions to improve performance.

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INTERNATIONAL CONFERENCE ON INTEGRATED DESIGN AND PRODUCTION

10-12 MAY
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