

1st International Conference on Industrial & Systems Engineering (ICISE 2026)

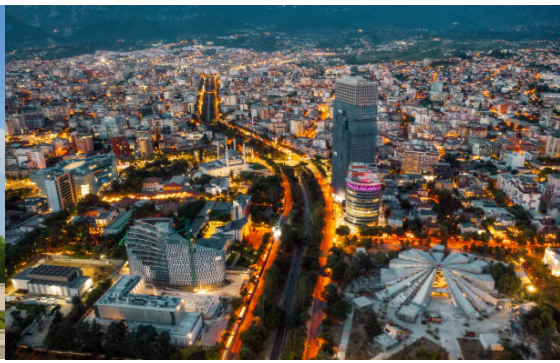
“Digital Production Systems and the Sustainable Economy”



April 16-17, 2026, Polytechnic University of Tirana, Albania



Hybrid Mode: Attend Onsite or Virtually



Call for Papers

The 1st International Conference on Industrial and Systems Engineering (ICISE 2026) is supported from Albanian Mechanical Engineering Association and is a leading multidisciplinary platform that brings together researchers, academics, and industry professionals to share knowledge, present innovations, and build collaborations in the broad domains of industrial and systems engineering. ICISE 2026 will take place in Tirana, Albania, and will be conducted in a hybrid format, offering both in-person and online participation to ensure inclusivity, flexibility, and a global reach.

This conference aims to explore future-focused engineering challenges and practical solutions in a rapidly transforming world. We welcome research that bridges theory and application, with a strong emphasis on sustainability, digital transformation, and systems thinking. The scope of the conference includes, but not limited to, the following topics:

Conference Topics

- Advanced manufacturing processes (CNC, 3D printing, smart machining)
 - CAD/CAM/CAE and digital manufacturing platforms
 - Contact mechanics
 - Structural mechanics and deformation analysis
 - Advanced composite mechanics
 - Mechanical vibrations
 - Measurement and Instrumentation
 - Transport
 - Energy
 - Renewable energy integration in industrial systems
 - Fluid statics and dynamics
 - Computational fluid dynamics
 - Industrial automation, robotics, and mechatronics
 - Power electronics and electric drives in automation
 - Electrical machines and control systems
 - Sensors, actuators, and embedded control systems
- Engineering materials: metals, polymers, ceramics, and composites
 - Reliability engineering and condition monitoring
 - Sustainable materials and energy-efficient systems
 - Simulation modeling (discrete event, agent-based, system dynamics)
 - Artificial intelligence and machine learning in operations
 - Decision support systems and predictive analytics
 - Scheduling, resource allocation, and logistics optimization
 - Digital twins and system modeling tools
 - Intelligent control systems and automation logic
 - Smart warehousing and automated material handling
 - Global logistics, risk management, and trade compliance
 - Circular economy, reverse logistics, and waste reduction
 - Integration of IoT and blockchain in supply chains
 - Sustainable supply chain strategies
 - Systems thinking and complex system integration
 - Energy systems engineering and smart grid applications
 - Green manufacturing and life cycle assessment (LCA)
 - Electrification and battery-powered industrial solutions
 - Industry 4.0 technologies and digital transformation
 - Sustainable infrastructure and smart cities

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Author Guidelines

All accepted and presented papers will be included in the conference proceedings book with **ISBN number**. Extended version of the presented papers at ICISE 2026 will be considered for publication in some Special Issues in International Journals which are as follows:

1. International Journal of Innovative Technology and Interdisciplinary Sciences (IJTIS) (ISSN 2613-7305) **Indexed in: SCOPUS, NSD (Norwegian Register for Scientific Journals and Series), Google Scholar, ROAD, Base, Sudoc.**

2. Journal of Transactions in Systems Engineering (JTSE) (ISSN: 2806-2973) **Indexed in: Google Scholar, Copernicus, ROAD, Base, Sudoc.**

3. Journal of Integrated Engineering and Applied Sciences (JIEAS) (ISSN: 2960-2661) **Indexed in: Google Scholar, OpenAIRE, Copernicus, Scilit.**

Important Dates

Papers Submission Deadline: January 15, 2026

Author Notification:	February 15, 2026
Final Manuscript:	March 10, 2026
Author Registration:	March 27, 2026
Conference Dates:	April 16-17, 2026

<https://icise.al/call-for-papers/>