

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

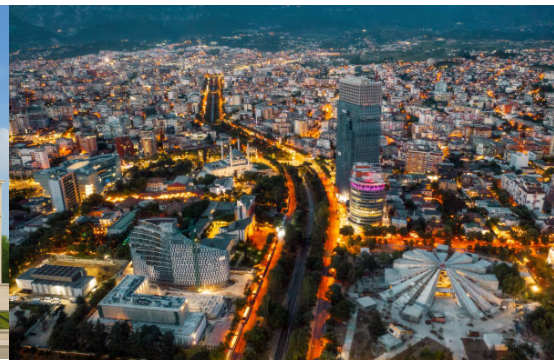
“Digital Production Systems and the Sustainable Economy”



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 of *Sustainable Economy and Ecotechnology* series published by **Springer**. Extended version of the presented papers at ICISE-2026 will be considered for publication in some Special Issues of the International Journals which are as follows:

1. International Journal of Innovative Technology and Interdisciplinary Sciences (IJITIS) (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/>