



Call for Papers

Intelligent Production and Industry 5.0 with Human touch, Resilience, and Circular Economy

IFPR (International Foundation for Production Research) has been organizing biannual regional International Conference on Production Research – Americas region since the first regional conference in 2002, in Saint Louis, MO, USA. The fundamental role of the Americas Region is the establishment of relationships among participants from research institutes, academia, and industry, as well as the introduction of early career researchers in disseminating the common research topics of the ICPR conferences (see page 2 for the topics).

Significant changes in technology and society, with global implications, require permanent exchange of ideas among researchers and practitioners toward resilient production and sustainable circular economy for future generations. Our conference hopes to accomplish this goal.

The conference will link researchers and practitioners from both academia and industry who specialize in intelligent production, supply chain, digital and smart manufacturing, Industry 4.0 and 5.0, manufacturing integration, production resilience, and related fields of engineering in countries from North America, Central America, South America, and Caribbean region.

Location

Ohio University, Athens, OH 45701, USA

The ICPR Americas 2024 will be hosted by Ohio University. Ohio University, founded in 1804, is proud host of ICPR Americas 2024 conference at its campus in beautiful Athens, in Southeast Ohio. With enrollment of more than 36000 students on its all campuses, Ohio University is the oldest higher education institution in the Northwest Territory of the USA.

Athens, Ohio is nestled deep in the Appalachian foothills of Southeast Ohio. Located just a few hours from several major Ohio cities, Athens has become a popular destination for anyone who wants to escape the fast pace of the city and enjoy the local atmosphere. The bricks of Court Street hold the largest collection of shopping, dining, and nightlife in the region. No matter what you are passionate about, Athens, Ohio has something to offer!

Important Dates

- Abstract submission deadline: November 15, 2023 – submit to <https://easychair.org/my/conference?conf=icpramericas2024>
- Notification of abstract acceptance: December 15, 2023
- Full paper submission due date: February 15, 2024
- Notification of full paper review/acceptance: March 15, 2024

Contact Info

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The Russ College of
Engineering
and Technology



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Theme and topics

This year conference theme is **“Intelligent Production and Industry 5.0 with Human touch, Resilience, and Circular Economy”**

The main topics of interest for the conference will include (but are not limited to) following:

- Intelligent Production for Circular Economy
- Digital, cyber and cloud manufacturing
- Smart Factories and Industrial Internet of Things
- Innovative Manufacturing Systems and Services
- Manufacturing Systems Design and Analysis
- Lean and Agile Manufacturing
- Sustainable Manufacturing and Engineering
- Modelling and Simulation of Manufacturing and Services
- Enterprise Knowledge Engineering
- Explainable AI in Production and Manufacturing
- Production Planning, Scheduling, and Control
- Strategies and Approaches to Develop Production Resilience
- Digital and Cyber Manufacturing and Services for Industry 4.0 & 5.0
- Internet of Things, Data Analytics and Smart Manufacturing
- Manufacturing Systems and Supply Chains
- Industrial Engineering and Operations Research
- Human Factors Engineering
- Sustainable Production and Climate-Smart Production
- Logistics Engineering and Management
- Quality Engineering and Management
- New Product Development and Innovation Management
- Collaborative Robotics for Intelligent Production