

Call for Papers

The 29th International Conference on Production Research (ICPR 2027)

Theme: AI-Powered Sustainable Production in a Connected Digital World

Venue: Park Hyatt Busan, Busan, Republic of Korea

Dates: July 4–8, 2027

Website: www.icpr2027.org

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The 29th International Conference on Production Research (ICPR 2027) aims to provide a platform for the exchange of ideas on the latest advancements in production research among researchers and practitioners from academia and industry. The conference seeks to create opportunities for collaboration among participants, fostering networking and joint efforts to advance both the theory and practice of production research. It also aims to identify key trends and innovations in areas such as sustainable manufacturing, production planning, healthcare, machine learning and supply chain optimization.

Conference Topics cover the ff. but not limited to

- Regional Economic Integration and Its Impact on Manufacturing Trends
- Digital and Cyber Manufacturing and Services for Industry 4.0 & 5.0
- Internet of Things, Data Analytics and Blockchain
- Industrial Communication, Sensors and Automation
- Manufacturing Processes and Automation
- Manufacturing Systems and Supply Chains
- Applications of Operations Research
- Human Factors Engineering
- Healthcare Engineering
- Humanitarian Operations
- Sustainable and Climate-Smart Production
- AI for Sustainable and Energy-Efficient Production
- Carbon-Aware Manufacturing and Green Operations
- Logistics Engineering and Management
- Smart Cities and Smart Ports
- Connected and Intelligent Industrial Systems
- AI-Enabled Smart Supply Chains and Logistics Networks
- Smart Agriculture
- Quality Engineering and Management
- New Product Development and Innovation
- Robotics, Machine Learning and Artificial Intelligence in Production Research
- AI-Driven Production Systems and Decision-Making
- Machine Learning and Data-Driven Optimization in Manufacturing and Logistics
- Digital Transformation

Submissions

Authors are invited to submit either an abstract or a full paper presenting original research contributions or industrial case studies relevant to the conference topics.

- **Abstract (1 page, pdf) submissions** should clearly describe the objectives, methodology, main results, and contributions of the work.
- **Full paper (4 pages, pdf) submissions** should present complete, original, and unpublished research contributions.

All submissions will undergo a peer-review process conducted by the Scientific Committee. Detailed submission guidelines, including formatting instructions and submission procedures, will be announced on the conference website.

Important Dates

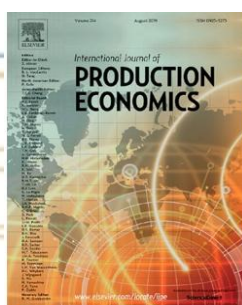
Date	Event
February 15, 2027	Deadline for abstract or full paper submission
April 15, 2027	Notification of acceptance / rejection
April 15, 2027	Early-bird registration opens
May 31, 2027	Early-bird registration closes
June 1, 2027	Regular registration opens
June 20, 2027	Online registration closes
July 4, 2027	Doctoral Workshop
July 4, 2027	Welcome Reception
July 4–7, 2027	Main Conference
July 6, 2027	Conference Banquet
July 8, 2027	Industrial Tour

Special Issues

A selection of **outstanding full papers** accepted and presented at **ICPR 2027** will be invited to submit extended versions for **special issues** of the following journals:



International Journal of
Production Research (IJPR)



International Journal of
Production Economics (IJPE)

Only authors of full papers are eligible for Outstanding Paper selection and subsequent special issue invitations. Further details on the special issues will be announced in due course.

Scientific and Organizing Committees

Conference Chairs

Prof. Hyerim Bae, Pusan National University
Prof. IlKyeong Moon, Seoul National University

Organizing Committee Chairs

Prof. Byungsoo Kim, Incheon National University
Prof. Jun-hee Han, Pusan National University

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Finance Chairs

Prof. Dowon Kim, Pusan National University
Prof. Hyelim Shin, Pusan National University

International Committee Chair

To be announced

Venue and Travel Information

Busan is a major coastal metropolis in the southeast of the Republic of Korea and one of the world's leading port cities. Known for its dynamic port and logistics industry, as well as its beautiful beaches, mountains, and rich cultural heritage, Busan offers an excellent environment for discussing cutting-edge topics in production, logistics, and smart port systems.

The conference venue will be located in the city of Busan (specific venue and campus to be announced), with convenient access to accommodation, transportation, and tourist attractions. Busan is served by Gimhae International Airport (PUS), with international and domestic connections, and is connected to Seoul by high-speed train (KTX) in approximately 2.5–3 hours. The city's extensive public transportation system, including metro lines, buses, and taxis, makes it easy to travel between the airport, train stations, hotels, and the conference venue.

Organized by International Foundation for Production Research (IFPR)

& Korean Institute of Industrial Engineers (KIIE)

Hosted by Safe & Clean Supply Chain (SCSC) Research Center, Pusan National University

Sponsored by (To be announced)