



International
Federation for
Information
Processing

APMS 2018

International Conference

Advances in Production Management Systems

August 26-30, 2018

Seoul National University, Seoul, Korea

“Smart production management for data-driven,
intelligent, collaborative, and sustainable manufacturing”

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Objectives and Scopes of APMS 2018

The objectives of the APMS 2018 conference are: (1) to share up-to-date issues and knowledge of production management among leading experts from academia and industry, (2) to disseminate research papers, case studies, and state-of-the-arts reports on production management, and (3) to provide guidelines and insights to pave the way for future manufacturing systems.

Program

The program includes presentations and discussions of high-quality peer-reviewed papers, in addition to insightful keynote speeches. A doctoral workshop (26th), special sessions (27th-29th), and industry tour (30th) are included in the conference program.

Conference topics

Topics of interest include, but are not limited to, the following.

Global Supply Chains

Mass customization
Social & cultural aspects
Reshoring
Simulation of large-scale supply chains

Collaborative Networks

Collaborative design
ICT for collaborative manuf.
Collaborative tools
Blockchain technology
Smart city

Industry 4.0

Smart supply chains
Smart factory
Virtual and augmented reality
Big data and AI applications
Digital twin

Special Issues

Selected papers from APMS 2018 will be invited to submit an extended version to *International Journal of Production Research, Production Planning & Control*, and *International Journal of Industrial Engineering: Theory, Applications and Practice*.

Conference website

<http://www.apms-conference.org/>

Industry tour

LG Electronics, Hyundai Mobis

Knowledge based Production Management

Intelligent manufacturing systems
Knowledge engineering
Agile and flexible manufacturing
Modeling and simulation
Automatic learning systems
Production planning & control

Sustainability and Production Management

Green manufacturing
Life cycle assessment
Sustainable supply chains
Eco-design in manufacturing

Special Sessions

WG5.7 research workshop
Disaster & humanitarian logistics
Industry session
Cyber-physical systems

Subrata Saha
Institute of Engineering &
Management, India
Biswajit Sarkar
Hanyang University, Korea
Hongfeng Wang
Northeastern University, China
Ruiyou Zhang
Northeastern University, China

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Key dates for papers and session proposals

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|--|--------------------|
| Special session proposal | Feb. 28, 2018 |
| Submission of full papers | Apr. 10, 2018 |
| Submission of Ph.D. research proposal | Mar. 31, 2018 |
| Notification of the first round review results | May 15, 2018 |
| Submission of revised papers | June 15, 2018 |
| Notification of final round review results | June 30, 2018 |
| Submission of the camera-ready papers | July 10, 2018 |
| Conference | Aug. 26 ~ 30, 2018 |

Registration

The registration includes the conference proceedings, industry tour, welcome reception, gala dinner, and lunches.

Early-bird registration (before or on 07/15/2018)

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|-----------------|--|
| Regular | €550 |
| Student/retired | €400 |
| Guest | €200 (gala dinner is included as well) |

Late or on-site registration (after 07/15/2018)

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|-----------------|--|
| Regular | €650 |
| Student/retired | €500 |
| Guest | €250 (gala dinner is included as well) |

Venue

APMS 2018 will be held at Seoul National University in Seoul, Korea. The city has become a capital of Korea since the Joseon Dynasty in 1392 and represents the heart of Korea wave and cultural heritage for 5,000 years.

Accommodation

APMS 2018 can offer you discounted room rates at Hoam Faculty House (<http://www.hoam.ac.kr/eng/>) located on campus. About 50 rooms (twins or double) have been reserved at the conference rates and will be available on a first-come-first served basis. The reservation must be done by July 26, 2018. Detailed information on reservations for Hoam Faculty House and hotels near SNU can be found in the conference website.

Host



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