



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**  
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## Conference Secretariat

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## Key dates for papers and session proposals

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)

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

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

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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