

# Manufacturing Innovation: Cyber Physical Manufacturing

## **Call for Abstracts — Submission Deadline November 5, 2018**

You are invited to submit a paper as part of the 25th International Conference on Production Research. This event is regarded worldwide as one of the leading conferences promoting research in the field of production research and industrial engineering.

Abstracts due November 5, 2018 | Full-length Papers February 11, 2019

## TECHNICAL TRACKS:

Abstracts are submitted online within one of the conference tracks listed below. To view a complete list of topics and instructions on how to submit your abstract, visit icpr25-chicago.mst.edu. All abstracts and subsequent papers will undergo peer-review and those fully accepted will be published as conference proceedings in Elsevier's online Procedia Manufacturing.

## **Important Dates**

Abstract Submission Deadline **November 5. 2018** 

Abstract Decision Notification December 10, 2018

Full-Length Paper Deadline February 11, 2019

### **GENERAL TRACKS:**

#### Additive Manufacturing

Chair(s): Frank Liou, Missouri S&T, USA Cihan Dagli, Missouri S&T, USA Gursel Suer, Ohio University, USA

#### Digital and Cyber Manufacturing

Chair(s): Cihan Dagli, Missouri S&T, USA Gursel Suer, Ohio University, USA Dusan Sormaz, Ohio University, USA

#### Global Economy and Its Impact on Manufacturing Trend

Chair(s): Cihan Dagli, Missouri S&T USA Gursel Suer, Ohio University, USA Dusan Sormaz, Ohio University, USA

#### Industrial Engineering and Operations Research

Chair(s): Cihan Dagli, Missouri S&T, USA Gursel Suer, Ohio University, USA Dusan Sormaz, Ohio University, USA

#### Manufacturing Systems and Supply Chains

Chair(s): Cihan Dagli, Missouri S&T, USA Gursel Suer, Ohio University, USA

#### SPECIAL TRACKS

#### 3D Manufacturing

Chair(s): Ibrahim Tansel, Florida International University, USA

#### Additive Manufacturing of Superelastic Alloys and Metals

Chair(s): Soheil Saedi, University of Arkansas Little Rock, USA

#### **Advanced Manufacturing Processes**

Chair(s): Harry Pierson, University of Arkansas, USA

#### Al and Cyber Physical in Asia

Chair(s): Athakorn Kengpol, King Mongkut's University of Technology North Bangkok, Thailand

#### Augmented and Virtual Reality for Manufacturing Chair(s): Herman Tang, Eastern Michigan University, USA

#### Cloud-based Manufacturing and Services Chair(s): Shimon Nof, Purdue University, USA

Mohsen Moghaddam, Purdue University, USA

#### Cyber-Physical Systems and Informatics for Automation 5.0

Chair(s): Chin-Yin Huang, Tunghai University, Taichung, Taiwan; Shimon Nof, Purdue University, USA

#### Data Analytics for Manufacturing and Logistics Chair(s): Xi Gu, Rutgers University, USA

#### Data Analytics in Industrial Engineering and Operations Research

Chair(s): Zhijie Dong, Texas State University, USA

## **Developing Intelligent Support Systems**

for Manufacturing Chair(s): Changqing Cheng, State Univ. of New York at Binghampton, USA

#### **Energy Management**

Chair(s): Weiwei Cui, Shanghai University, China Fadwa Dababneh, Georgia Southern University, USA

### Factory Infrastructure Cyber Security Assessment

Chair(s): Dazhong Wu, Central Florida University, USA

#### Hybrid Manufacturing System Design/ Cellular Manufacturing

Chair(s): Gursel A. Suer, Ohio University, USA

#### Innovations in Warehouse Operations Chair(s): Manjeet Singh, DHL, USA

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#### Internet of Things, Data Analytics and Smart Manufacturing

Chair(s): Hui Yang, Penn State University, USA Satish Bukkapatnam, Penn State University, USA

### **Manufacturing Strategy**

Chair(s): Rob Dekkers, University of Glasgow, United Kingdom

#### Manufacturing Sustainability

Chairs(s): Gokhan Egilmez, New Haven University, USA

## New Product Development and Innovation

Chair(s): Rob Dekkers, University of Glasgow, United Kingdom; Gul Kremer, Iowa State University, USA

#### Semantic Integration and Knowledge Based Systems in Manufacturing

Chair(s): Dusan Sormaz, Ohio University, USA

#### Seru Production Systems

Chair(s): Yong Yin, Doshisha University, Japan Ikou Kaku, Tokyo City University, Japan

#### Virtual Production and Supply Networks

#### Technical Contact

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