

2019 IEEE International Conference on Industrial Cyber-Physical Systems (ICPS2019)  
2019 IEEE International Conference on Multisensor Fusion and Integration for Intelligent Systems  
(MFI2019)

Howard Hotel Taipei, Taiwan

May 6-9, 2019

**Special Session on  
“Fog Communication, Computing, and Control for Industrial Cyber Physical Systems”  
organized by**

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## Call for Papers

Industrial cyber physical systems become critical due to the wide range of applications to all aspects of industries. One of the most challenging issues is to achieve good overall system performance with satisfied security. This requires the cutting-edge technologies and solutions that are related to fog communication, computing, and control. In this special session, we aim to provide a platform to discuss the innovative ideas and contributions from both industry and academia. Topics of interest include, but are not limited to:

- *5G and fog networks for industrial cyber physical systems*
- *Industrial cyber physical system measurements, simulation, and testing*
- *Case/trial study in industrial cyber physical systems*
- *Latency and/or reliability for industrial cyber physical systems*
- *Air interface and signal processing for fog communications*
- *High-performance wireless networks for industrial cyber physical systems*
- *Relay, D2D, Cloud-RAN and cooperative networks for industrial applications*
- *Distributed computing for industrial cyber physical systems*
- *Communication, computing, and control joint design*
- *Cross-layer design/optimization in fog communications, computing, and control*
- *Resource management, network slicing, and edge/fog computing*
- *Security/privacy for industrial cyber physical systems*
- *Standardization of industrial wireless systems/cyber physical systems*
- *Autonomous systems and UAVs*
- *Practical guidelines for industrial cyber physical systems*
- *Other related issues*

**Submissions Procedure:** All the instructions for paper submission are included in the conference website  
<http://icps19.org/final-paper-submission>

## Deadlines:

Reception of full paper: November 30, 2018  
Paper acceptance notification: January 31, 2019