

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 “Intelligent Learning in Control Systems”

organized by

Principal Organizer: Prof. Kao-Shing Hwang [hwang@ee.nsysu.edu.tw](mailto:hwang@ee.nsysu.edu.tw)  
National Sun Yat-Sen University, Kaohsiung, Taiwan.

Co-Organizer: Prof. Ching-Chih Tsai [cctsai@nchu.edu.tw](mailto:cctsai@nchu.edu.tw)  
National Chung Hsing University

## Call for Papers

In recent years, a trend has emerged in which techniques of artificial intelligence, machine learning, computational intelligence, and intelligent control have been integrated into intelligent learning control systems on a variety of scales to meet the needs of implementation at the angle of commercial or industrial products. Several intelligent control approaches integrated with deep learning, broad learning, reinforcement learning, case-based reasoning, statistical learning, mimetic algorithms, swarm intelligent approaches, advanced neural networks, and advanced fuzzy methods, have gained successful applications in many engineering fields. In light of this emerging trend, it is timely important to propose a special session, called “intelligent learning in control systems, at SMC 2018, in order to promote advanced theory, practices, and interdisciplinary aspects of advanced intelligent learning control systems. This special session aims to disseminate high quality research results regarding not only the theoretic development in integration of learning theories and control techniques, but also their interesting applications to intelligent mobile robots, artificial systems, intelligent vehicles, intelligent control systems and smart systems. In addition, this session is also aimed to facilitate interactions among researchers and practitioners.

**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