

# 2018 International Automatic Control Conference

Nov. 4-7, 2018  
Taoyuan, Taiwan

## CACS 2018

<http://web.ite.mcu.edu.tw/CACS2018>

The **2018 International Automatic Control Conference (CACS 2018)** is an international conference hosted by the Chinese Automatic Control Society and National Central University, Taiwan. This conference will take place in **South Garden Hotels and Resorts**, Taoyuan, Taiwan, over **Nov. 4-7, 2018**, and present more than 200 papers submitted worldwide. This event will provide a great opportunity for scientists, engineers, and practitioners to present the latest design concepts, research results, developments, and applications. Submission of papers with new research results in all aspects of control and automation are encouraged. To broaden the scope and promote participations, organized sessions will also be welcome and incorporated into the CACS 2018 program. Best paper awards will be given to those with outstanding achievements.

### TOPICS OF INTEREST INCLUDE, BUT ARE NOT LIMITED TO

- Linear Systems and Control
- Computational Intelligence
- Robust Control
- Control ICs and Applications
- Emerging Technology
- Modeling and Simulations
- Nonlinear Systems and Control
- Autonomous/Intelligent Robots
- Digital/Sampled-Data Control
- Industrial Applications
- DNA Computing
- Quantum Control and Computing
- Iterative Learning Control
- Smart Material Actuator & Control
- Networked Control Systems
- Mechatronic Systems
- Discrete-Event Systems
- Chaotic Systems and Control
- Intelligent Control
- Neural Networks
- Machine Vision and Visual Servoing
- Servo Control
- Identification and Estimation
- Variable Structure Control
- Fuzzy Systems and Control
- Machine Learning and Control
- AI and Deep Learning
- Predictive Control
- Adaptive and Optimal Control
- Guidance, Navigation, and Control
- Signal Processing and Control
- Micro/Nano Systems
- Systems Biology
- Hybrid Systems and Control
- Stochastic Systems and Control
- Power Electronics and Control
- Remote and Supervisory Control
- Vehicle Telematics and Control
- Robotics System and Control

### IMPORTANT DATES

Proposals and extended abstracts of organized sessions **July 15, 2018**  
Submission of contributed papers **August 01, 2018**  
Notification of paper acceptance **September 10, 2018**  
Submission of final papers **September 25, 2018**

### SUBMISSION POLICIES

The CACS 2018 accepts two types of submissions for review: regular paper, and one-page presentation-only paper. Papers submitted should be written in English. All submissions must be made electronically in PDF format. Visit the conference website at <http://web.ite.mcu.edu.tw/CACS2018> for more information. Submit full paper manuscripts of no more than 6 pages in total length.

### ORGANIZED AND INVITED SESSIONS

CACS2018 welcomes proposals for organized/invited sessions within conference scope. Please put the proposal and the extended abstracts of all constituent papers in ONE electronic file when submitting. Please see Guidelines for Proposals of Organized/Invited Sessions for details.

### HOST

National Central University, Taiwan  
Chinese Automatic Control Society

### PLACE

South Garden Hotels and Resorts  
No.8, Shuzih RD., Zhongli Dist, Taoyuan City 32050, Taiwan



<http://www.southgarden.com.tw/en>