

# SICE 2018

September 11-14, 2018  
Nara Kasugano International Forum  
Nara, Japan

<http://www.sice.jp/siceac/sice2018>



## Plenary Talks



Plenary Talk I / Wednesday Morning, September 12

### Kernel Methods for Identification and Control

Speaker: **Professor Toshiharu Sugie**

Department of Systems Science, Kyoto University, Japan



Plenary Talk II / Thursday Morning, September 13

### Network Systems and Kuramoto Oscillators

Speaker: **Professor Francesco Bullo**

Department of Mechanical Engineering, UC Santa Barbara, USA



Plenary Talk III / Friday Morning, September 14

*Sponsored by JEMIMA*

### Smart Manufacturing – Smart Communications?!

Automation networks in the area of conflict between technological development and user requirements in industry

Speaker: **Professor Martin Wollschlaeger**

Faculty of Computer Science, Technische Universität Dresden, Germany

## Tutorial & Workshops

*The tutorial and workshops will be held on Tuesday afternoon, September 11.*

### Tutorial

Sep. 11, 13:00 - 17:30

### Robust PID Control: Unified Model Reference Approach

Organizers: Ramon Vilanova Arbos (Universtat Autonomia Barcelona, Spain), Takao Sato (University of Hyogo, Japan), and Marian Barbu (Dunarea de Jos University, Rumania)

### Workshop I

Sep. 11, 14:10 - 17:30

### New Trends in Networked Control

Organizer: Kuniyisa Okano (Okayama University, Japan)

### Workshop II

Sep. 11, 13:00 - 17:30

### Cooperative Control for Energy Management Systems

Organizers: Fabrizio Dabbene (CNR-IEIT, Italy) and Yasumasa Fujisaki (Osaka University, Japan)

### Workshop III

Sep. 11, 13:00 - 17:30

### Integrated Design of Energy Management System and Vehicle System

– Joint WS of CREST EMS Suzuki Team and Control Theory Group of SICE

Organizers: Tatsuya Suzuki (Nagoya University and JST CREST, Japan), Shinkichi Inagaki (Nagoya University, Japan), Akihiko Kawashima (Nagoya University, Japan), and Kenji Hirata (Nagaoka University of Technology, Japan)

## Conference Schedule

September 11 Tutorial & Workshops  
September 12-14 Plenary Talks / Technical Sessions

Early Registration Deadline **▶▶▶** August 1

Online Registration Deadline **▶▶** 17:00, August 31 (JST)

*On-site registration is also possible at the registration desk in the conference venue on September 11-14.*

Technical Co-Sponsors:



In Association with: The Chinese Association of Automation (CAA); China Instrument and Control Society (CIS); Asian Control Association (ACA)