SICE Annual Conference

Organized & Sponsored by **SICE**

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, Septermber 11.

Tutorial
Sep. 11, 13:00 - 17:30

Robust PID Control: Unified Model Reference Approach
Organizers: Ramon Vilanova Arbos (Universtat Autonoma 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: Kunihisa Okano (Okayama University, Japan)

Workshop II
Sep. 11, 13:00 - 17:30

Cooperative Control for Energy Management Systems
Organizers: Fabrizio Dabbene (CNR-IEIIT, 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: **IEEE** · CSS · RR · ies · ICROS · ISA · CAA · **JEMIMA** · ECTI Association

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