

ICCAS 2015



The 15th International Conference on Control, Automation and Systems

ICCAS 2015 will be held on October 13~16, 2015 at BEXCO, Busan, Korea. The aim of ICCAS 2015 is to bring together professors, researchers, engineers and students worldwide to present their recent works and discuss the state-of-the-art technologies related to control, automation, robotics and systems.

October 13(Tue)~16(Fri), 2015

BEXCO, Busan, Korea

<http://2015.iccas.org>

Paper Submission

You are cordially invited to submit full papers (3 to 6 pages) to <http://2015.iccas.org>. Paper template file can be downloaded from the website. Accepted papers will be published in the ICCAS 2015 Proceedings that will be indexed in IEEE Xplore, SCOPUS and EI compendex, and will be submitted for indexing in Thomson Reuters Conference Proceedings Citation Index (ISI Web of Science).

Important Dates

June 5, 2015 : Submission of organized session proposals (**Extended!!**)

June 5, 2015 : Submission of full papers (**Extended!!**)

July 3, 2015 : Notification of paper acceptance

July 24, 2015 : Submission of final camera-ready papers

Plenary Speakers



Karl Johansson
KTH Royal Institute of
Technology, Sweden



Peng Shi
Univ. of Adelaide
Australia



Jay Farrell
Univ. of California,
Riverside, USA



Yoshihiko Nakamura
Univ. of Tokyo
Japan



Sangbae Kim
Massachusetts Institute
of Technology, USA



David Boas
Harvard Medical
School, USA



Taek Lyul Song
Hanyang Univ.
Korea

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Keum-Shik Hong (President of ICROS, Korea)

Organizing Chair

Myo Taeg Lim (Korea Univ., Korea)

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Hyung Suck Cho (KAIST, Korea)

Ki-Sub Lee (KEIT, Korea)

John Hung (IEEE IES, USA)

Satoshi Tadokoro (IEEE RAS, USA)

Elena Valcher (IEEE CSS, USA)

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Young In Shin (ICROS, Korea)

Topics of the conference include but are not limited to

Control Theory and Applications

Linear/Nonlinear Control
Adaptive/Robust Control
Identification and Estimation

Control Devices and Instruments

Power Electronics
Hydraulic/Pneumatic Systems
MEMS and Nano Technologies

Industrial Applications of Control

Automotive Systems
Power Systems
Communication Systems
Manufacturing Systems and Automation

Sensors and Signal Processing

Sensors and Instrumentation
Signal Processing and Sensor Fusion
Fault Diagnosis

Intelligent Systems

Artificial Neural Networks
Fuzzy Systems

Robot Mechanism and Control

Kinematics and Dynamics of Robots
Manipulation and Motion Planning
Mobile Robots and Navigation

Robot Vision

Robot Vision and Visual Servoing
Object/Human Visual Recognition

Human-Robot Interaction

Human-Robot Interaction
Speech Recognition
Haptics and Virtual Presence
Virtual Reality based Simulation

Robotic Applications

Biorobotics and Medical Robots
Service and Field Robots
Humanoid Robots
Automations

Unmanned Vehicle Systems

Unmanned Aerial Vehicles
Unmanned Ground Vehicles
Unmanned Underwater Vehicles

Navigation, Guidance and Control

Navigation Algorithms
Guidance Technologies
GPS

Process Systems

Process Control and Monitoring
Process Design and Optimization
Process Automation

Biomedical Systems

Biomedical Instrumentation
Biomedical Signal Processing
Bio-Systems and Control

Information and Networking

Real-Time and Embedded Systems
Network-Based Control Systems
Networked/Ambient Intelligence

Multimedia Systems

Database and Data Fusion
Computer Animation

Civil and Urban Systems

Environmental Engineering
Structural Control and Health Monitoring
Smart Structures

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