



THE 5TH INTERNATIONAL CONFERENCE ON INSTRUMENTATION CONTROL, AND AUTOMATION 2017

SHERATON MUSTIKA HOTEL, YOGYAKARTA, 9-11TH AUGUST 2017

ICA2017

CALL FOR PAPER

The 5th International Conference on Instrumentation, Control and Automation 2017 (ICA 2017) will be held on August 9-11th, 2017 at Yogyakarta, Central Java, Indonesia. The conference is organized by the Instrumentation and Control Research Group of ITB and technically co-sponsored by the IEEE Indonesia. The conference is aimed at enhancing a strong networking and creating an international platform to ease knowledge transfer among engineers, researchers and scientists within relevant areas of instrumentation, control, and automation systems. We therefore invite affiliated scholars, practicing professionals, researchers, and students to participate in the ICA 2017 conference. All papers accepted and presented in the conference will be submitted to the IEEE Xplore. Topics of interest for the submission include, but not limited to:

INSTRUMENTATION

Metrology, Optical Instrumentation, Ultrasonic Instrumentation, Bioengineering & Systems Biology, Medical Instrumentation, Non-invasive Instrumentation & Measurement Techniques, Tomography & Imaging Instrumentation, Industrial Process Instrumentation, Energy & Power Systems Instrumentation, Software Development for Measurement & Instrumentation Supports, Education.

CONTROL

PID Control, Linear/Nonlinear Analysis & Control, Multivariable Control, Model Predictive Control, Robust Control, Distributed Control, Geometric Control, Networked Control Systems, Intelligent & Learning-based Control, Optimal Control, Stochastic Control, Neural Networks, Process Control, Control, System Theory, Hybrid Dynamical Systems & Discrete Event Systems, Simulation Method, System Identification & Filtering, Parameter & State Estimation, Robotics & Motions, Space Vehicles & Aircraft Systems, Design & Control of Unmanned Systems, Signal Processing, Game Theory, Adaptive Control, Artificial Intelligence, Fuzzy & Expert Systems, Fault Detection & Isolation System, Analysis & Control of Biological Systems, Education.

AUTOMATION

Human Machine Interaction, Safety Instrumented Systems, Process Automation, Asset & Data Management Systems, Manufacturing Systems, Supply Chain Network, Precision Motion, CAD-based Simulations & Control, Computer Integrated Manufacturing, Networking Systems, Automation in Biotechnology & Health Systems, DNA Chip Fabrication & Screening, Simulator System, Operation Research, Optimization, Mechatronics and Robotics, Education.

SUBMISSION GUIDELINES

Authors are invited to submit full paper to <http://edas.info/N23442>. All materials must be written in English in IEEE format that can be found in <http://ica-itb.com/participants/submission/>. A paper should be submitted only if you intend to attend the conference. Papers accepted and presented at ICA 2017 will be submitted by the organizing committee to IEEE Xplore for further indexing.

IEEE Xplore Compliant Catalogue Number: **CFPI779P-ART** with ISBN **978-1-5386-0349-9**.

REGISTRATION FEE

Category	International Participants			Local Participants**		
	Early Bird Registration	Late Bird Registration	On-Site Registration	Early Bird Registration	Late Bird Registration	On-Site Registration
Regular	USD 350.00	USD 400.00	USD 450.00	IDR 3,000,000	IDR 3,500,000	IDR 4,000,000
Regular IEEE Member	USD 300.00	USD 350.00	USD 400.00	IDR 2,500,000	IDR 3,000,000	IDR 3,500,000
Student	USD 275.00	USD 325.00	USD 375.00	IDR 2,250,000	IDR 2,750,000	IDR 3,250,000
Student IEEE Member	USD 250.00	USD 300.00	USD 350.00	IDR 2,000,000	IDR 2,500,000	IDR 3,000,000
Attendee	-	USD 200.00	USD 250.00	-	IDR 1,500,000	IDR 1,750,000
Attendee IEEE Member	-	USD 150.00	USD 200.00	-	IDR 1,250,000	IDR 1,500,000
Extra Page (per page)	USD 100.00	USD 100.00	-	IDR 1,000,000	IDR 1,000,000	-
Extra Paper (per paper, max one)	USD 150.00	USD 150.00	-	IDR 1,500,000	IDR 1,500,000	-

**IDR rates are only applicable for Indonesian authors affiliated with Indonesian institution

PLENARY TALKS



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IMPORTANT DATES

- 15TH May 2017 : Full Paper Submission
- 15TH July 2017 : Notification of Acceptance
- 20TH July 2017 : Early Bird Registration
- 25TH July 2017 : Camera-Ready Paper Deadline
- 9-11TH August 2017 : ICA 2017 Conference Date

BEST PAPER AWARD

Arifin Wardiman Best Paper Award. The criterias are high technical quality and good paper presentation during conference date. The winner is decided by selection committee and awarded at the closing ceremony.

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