



# ISITIA 2019

## International Seminar on Intelligent Technology and Its Applications 2019

# Call for Papers

28 – 29 August 2019  
Surabaya, Indonesia

The International Seminar on Intelligent Technology and Its Applications (ISITIA) is the annual international conference held by the Department of Electrical Engineering of the Institut Teknologi Sepuluh Nopember (ITS), Surabaya, Indonesia. The conference theme for ISITIA 2019 is:

### Creating Impact through Intelligent Devices and Systems

We welcome paper submissions of original research in the following topics, but not limited to:

1. **Electronics** (VLSI, Embedded Systems, Sensors, IoT Devices, Biomedical Circuits, Data Converters, Mixed-Signal Circuits, Microelectronics)
2. **Control Systems** (Robotics, Industrial Applications, Autonomous Vehicles)
3. **Power and Energy Systems** (Renewable Energy, High Voltage Engineering, Energy Conversion, AI in Power Systems, Energy Storage, Smart Grid)
4. **Telecommunications & Signal Processing** (Antenna, Network, Satellite, Image Compression, Wireless Sensor Network)
5. **Information Technology** (Security, IoT systems, IT in Education)

### Important Dates

Full paper submission  
2 May 2019

Notification of acceptance  
28 June 2019

Camera-ready  
11 July 2019

### Keynote Speakers



Prof. Ryohei Kanzaki  
*University of Tokyo*



A/Prof. Tara Hamilton  
*Macquarie University  
Australia*



Dr. Muhammad Rivai  
*Institut Teknologi Sepuluh  
Nopember, Indonesia*



Nicolas Husny, M.Sc.  
*Infineon Technologies*

### Organizing Committee

Honorary chairs  
Prof. Mauridhi Hery Purnomo  
Prof. Gamantyo Hendrantoro

General chair  
Dr. Astria Nur Irfansyah (ITS)

General Vice-chair  
Dr. Trihastuti Agustinah (ITS)

Technical Program Co-chair  
Dr. Totok Mujiono (ITS)

Publication Co-chair:  
Zulkifli Hidayat (ITS)

### Publication

After the review process, accepted papers that are presented in the conference will be submitted to IEEE for publication in IEEEExplore. Publications in IEEEExplore will normally be indexed in Scopus.

IEEE Conference Record: #47536

[https://conferences.ieee.org/conferences\\_events/conferences/conferencedetails/47536](https://conferences.ieee.org/conferences_events/conferences/conferencedetails/47536)

For paper submissions and other guidelines, visit:

<http://isitia.its.ac.id>

Organized by:



Technical  
co-sponsor:



Sponsors:



CFP date 1/3/2019