



# ISITIA 2019

## International Seminar on Intelligent Technology and Its Applications 2019

Surabaya, Indonesia

# Call for Papers

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, since 2015. It was previously known as SITIA, annually held by the department since 1999. 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, & Remote Sensing** (Antenna & Propagation, Communications, Satellite, Broadcasting, WSN, Radar)
5. **Information Technology** (Security, IoT systems, cloud, machine learning, VR, AR)
6. **Biomedical Engineering** (Biomedical signal and image processing, telemedicine, medical imaging)

### Important Dates

Full paper submission  
20 May 2019 (extended)

Notification of acceptance  
28 June 2019

Camera-ready  
11 July 2019

### Conference Date & Venue

28 – 29 August 2019  
JW Marriott Hotel  
Surabaya, Indonesia

### Keynote Speakers



**Prof. Ryohei Kanzaki**  
University of Tokyo  
Japan



**Prof. Vassilios Agelidis**  
Technical University of  
Denmark, Denmark



**A/Prof. Tara Hamilton**  
Macquarie University  
Australia



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



**Nicolas Husny, M.Sc.**  
Infineon Technologies  
Indonesia

For paper submissions and  
other guidelines, visit:

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

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### Publication

Papers should be written in the IEEE conference style two-columns format (4 – 6 pages). Accepted papers that are presented in the conference will be submitted to IEEE for publication in IEEEExplore. Our previous ISITIA 2015, ISITIA 2016, ISITIA 2017 has been indexed in IEEEExplore and Scopus.

IEEE Conference Record Number : #47536

IEEE Catalog Number:

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