



# ICSGTEIS 2018

International Conference on Smart  
Green Technology in Electrical and  
Information Systems (ICSGTEIS)

\*The World Best Tourist Destination 2017 by TripAdvisor  
\*The World's Third Best Airport 2017 by Airports Council International

**ICSGTEIS 2018** serves as an international forum for researchers and industry practitioners to present their research findings and innovation in the fields of electrical engineering and information. The conference is aimed at facilitating the exchange of ideas in all aspect of green and smart technology. We kindly invite scholars and industry practitioners from around the world to submit your research results and innovations to the **ICSGTEIS 2018** to contribute in creating a smart, green, and sustainable world.

**TOPICS** - The **ICSGTEIS 2018** covers but not limited to the following

## Energy and Power Engineering

- Computer Applications in Power Systems
- Electric Vehicle
- Electromagnetic Compatibility
- Energy Conversion and Renewable Technologies
- Energy Management and Conservation
- Energy Policies
- High Voltage Engineering
- Power Electronics and Electric Drives
- Power System Stability and Power Quality
- Power Transmission and Distribution Systems
- Smart Grid and Distributed Generation

## Electronic Devices and Systems

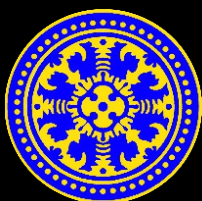
- Biomedical Engineering
- Embedded Control and Applications
- Green Material and Electronic Devices
- Intelligent Control Systems
- Measurement and Instrumentations
- Mechatronics, Robotics, and Automation
- Metamaterials
- Microelectronics and Very Large-Scale Integration (VLSI)
- Nanotechnology
- Optoelectronics and Laser Applications
- Organic Electronics
- Photonic Crystal
- Sensors Technology
- Thin Film Technology

## Multimedia Telecommunications

- Computer and Communication Networks
- Digital Signal Processing
- Distributed Source Coding
- Electromagnetic and Radio Propagation
- Internet of Things
- Multimedia Information Processing
- Network Security and Management
- Remote Sensing and GIS
- Smart City and Digital Village
- Vision, Graphics, and Visualization
- Wireless and Mobile Communications
- Wireless Sensor Network

## Software Engineering and Information Systems

- Big Data
- Computing Algorithms
- E-Government, E-Health, E-Science, E-Transactions Systems
- E-Learning and M-Learning
- Games Theory and Applications
- Human Computer Interaction and User Experience
- Information Systems and Management
- Intelligent System Design
- Knowledge Discovery in Databases
- Mobile, Cloud, Ubiquitous Computing, Quantum Computing
- Semantic Web
- Soft Computing



**ICSGTEIS 2018** is organized by Department of Electrical Engineering and Postgraduate Program in Electrical Engineering, Faculty of Engineering, Udayana University, Bali, Indonesia. Co-organized by: Center for Community Based Renewable Energy (CORE) Udayana University and Udayana Center for Learning Innovation in Asia Pacific (UCLEAP).

Website: [icsgteis.unud.ac.id](http://icsgteis.unud.ac.id) Email: [icsgteis2018@unud.ac.id](mailto:icsgteis2018@unud.ac.id)