**Call for Papers: 2018 2nd International Conference on Electrical Engineering and Infromatics (ICon EEI), Batam-Indonesia, October 16-17, 2018**

**Toward the Most Efficient Way of Making and Dealing with Future Electrical Power System and Big Data Analysis.**

The 2nd International Conference on Electrical Engineering and Informatics (ICon EEI) 2018
Batam, Indonesia, 16-17 October 2018.

Full Paper Submission Deadline: June 30, 2018

<http://iconeei.unri.ac.id>

It is our great pleasure to welcome you to the 2nd International Conference on Electrical Engineering and Informatics (ICon EEI) 2018. The conference will take place on 16 – 17 October 2018 in Batam, Indonesia. This conference is hosted and organized by Department of Electrical Engineering, Faculty of Engineering, Universitas Riau.

The 2nd ICon EEI 2018 will provide a forum and bring together academicians, professionals, and governments in the fields of electrical power system, electronics, telecommunication engineering, control engineering, informatics, computer engineering, information technology and other Electrical Engineering and Informatics domains in order to learn about the latest developments in the research findings and share experience and ideas how we can all work together to deal with future electric system and big data analysis challenges in the most efficient way.

Topics of interest include, but are not limited to:

**Track 1 Electrical Power System, Renewable Energy and High Voltage Engineering**

* Electric Power Generation
* Power Electronics
* System Protection and Conversion
* Power System Analysis
* Electrical Measurements
* High Voltage Insulation Technologies
* Power Transmission and Distributions
* Electric Vehicle Technologies
* Photovoltaic Technology
* Solar Thermal Applications
* Wind and Water Based Energy Generation
* Hydrogen & Fuel Cell
* Energy Network and Topologies
* Smart Grid Technology and Micro-grids
* Energy Harvesting and Conversion
* Recent Trends in Power Systems and Energy

**Track 2 Electronics, Control System and Telecommunication**

* Electronic Materials
* VLSI, SoC, and Microelectronic Circuit Design
* FPGA Design and Applications
* Electronic Instrumentations
* Consumer Electronics Product
* Biomedical instrumentation and Applications
* Application Specific Integrated Circuits (ASIC)
* Control and Intelligent Systems
* Artificial Intelligent and Expert System
* Fuzzy Logic and Neural Network
* Programmable Logic Control (PLC)
* Instrumentation and Control components
* Process control and instrumentation
* Automation and Robotics
* Industrial Automation and Network based Systems
* Recent Trends in Electronics and Control Systems
* Antenna and Wave Propagation
* Cognitive Radio and Wireless Sensor Networks
* Cooperative Communications
* Communication and Computer Networks
* Next Generation Networks and Multimedia
* Mobile Ad-hoc Networks
* Vehicular Ad-hoc Networks
* Software-Defined Networking
* Digital Signal Processing
* Digital Image and Video Processing
* Virtual and Augmented Reality
* Embedded Systems
* Parallel and Distributed Processing
* Recent Trends in Communication and Computer Systems

**Track 3 Informatics, Computer Science, Computer Engineering, Information Technology**

* Computer System Architecture
* Theory and Coding Systems
* High Performance Computing
* Ubiquitous and Pervasive Computing
* Grid Computing and Cloud Computing
* Computer Systems Security
* Computer Networks and Internet Security
* Hardware Sofware Co.Design
* Algorithms and Data Structures
* Artificial Intelligence
* Computer Vision and Image Analysis
* Pattern Recognition
* Data Mining and Big Data Analysis
* Text and Web Mining
* Data Spatial and Remote Sensing
* Software Engineering
* Smart Computing
* Knowledge Management and Engineering
* Decision Support Systems
* Visualization and Computer Graphics
* Information Retrieval
* Cryptography
* Programming Methodology and Paradigm
* Mobile Programming and Processing
* Natural Language Processing
* Information Extraction
* Machine Learning
* Business Intelligence
* Human Computer Interaction
* Recent Trends in Informatics and Computer Sciences
* Information Systems Design and Implementation
* Information Systems Business Process Management
* Information Systems and Technologies in Healthcare
* IS in Organizations and Society
* IS Strategy, Governance, and Sourcing
* IS Security and Privacy
* IT Implementation, Adoption, and Use
* IT Audit and Controls
* Managing IS Projects and IS Development
* Human Behavior in IS and Technologies
* Geographic Information Systems
* E-Business Ontologies and Models
* E-Commerce Application Fields and Economics
* E-Learning and Web-based Learning
* Recent Trends in Information Systems and Technologies

**Important Dates**

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| Full Paper Submission Deadline | 30th June 2018 |
| Paper Acceptance Notification | 31st July 2018 |
| Final Manuscript (Camera Ready) Deadline | 1st September 2018 |
| Early Bird Registration & Payment Deadline | 15th September 2018 |
| Registration & Payment Deadline | 1st October 2018 |
| Conference Date | 16-17 October 2018 |

**Paper Submission**

Guidelines :

[*http://iconeei.unri.ac.id/2018/call-for-papers/paper-submission*](http://iconeei.unri.ac.id/2018/call-for-papers/paper-submission/)

**Paper Submission**

Paper Submission (EDAS) :

[*http://edas.info/N24664*](http://edas.info/N24664)

Papers that are accepted and presented at the conference will be submitted to IEEE Xplore and will be included in**IEEE Xplore digital library ISBN 978-1-5386-6000-3** (subject to the approval of the IEEE Technical Program Committee) and is normally indexed in **SCOPUS**.

Selected outstanding papers will be recommended to be published in The International Journal of Renewable Energy Development (IJRED) – ISSN: 2252-4940 (Emerging Source Citation Index(ESCI) by Web of Science/Thomson Reuters)



Looking forward to welcoming you in Batam, Indonesia on 16-17 October 2018 !

Best Regards,

Dr. Iswadi Hasyim Rosma, ST, MT

General Chair of Icon EEI 2018