

IES INTERNATIONAL ELECTRONICS ... SYMPOSIUM 2017

SEPTEMBER 26-27

POLITEKNIK ELEKTRONIKA NEGERI SURABAYA
**CYBER-PHYSICAL SYSTEM
TO PROMOTE SUSTAINABLE ENERGY AND
ENVIRONMENT-FRIENDLY DEVELOPMENT**

KEYNOTE SPEAKER

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CALL FOR PAPERS

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International Electronics Symposium on Knowledge Creation and Intelligent Computing (KCIC)

Knowledge Base and Engineering

1. Information modelling
2. Knowledge acquisition and accumulation
3. Knowledge discovery
4. Knowledge management
5. Information systems and applications
6. Human-computer interaction and Modelling
7. Intelligent optimization

Computational Intelligence

1. Learning and adaptation
2. Perception and learning
3. Emotion modelling
4. Cognitive sciences
5. Probabilistic and reasoning computation
6. Reinforcement learning
7. Statistical methods and data mining
8. Pattern recognition
9. Artificial intelligence and soft-computing

Intelligent Multimedia Systems

1. Multimedia modelling
2. Multimedia computing systems and applications
3. Intelligent multimedia analysis and processing
4. Web intelligence
5. Web-based support systems
6. Multimedia information retrievals

Applied-Computing Sciences

1. ICT-based environmental studies and computations
2. Social-based computing model and analysis
3. Social media engineering
4. E-Learning and educational computation
5. Cross-cultural computation and modelling
6. Disaster management computing and support systems
7. Medical computing analysis and applications
8. Robotics computing model and applications
9. Intelligent text processing and Computational linguistics
10. Linguistic knowledge modelling and representation

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International Electronics Symposium on Engineering Technology and Applications (ETA)

Power Engineering and Energy Technology

1. Power Quality and Electromagnetic Compatibility
2. High Voltage Engineering and Insulations Technology
3. Power Generation Technology
4. Power System Dynamic, Stability and Control
5. Power System Protection, Reliability and Security
6. Electric Power Transmissions and Distributions
7. Power Electronic Converter Topologies, Design and Control
8. Switch-Mode Power Supplies and UPS
9. Electric Drives and Electrical Machines
10. Renewable Energy and Smart Grid Technology
11. Energy Storage System and Technology

Electronics Systems and Electrics Technology

1. Biomedical Engineering
2. Microelectronic Circuits and Systems
3. Measurement and Instrumentations
4. Nano Technology
5. Micro-Electro-Mechanical System
6. Sensor, RFID, and Electronic Design
7. Material and Device
8. Vehicular technology

Telecommunication Engineering Technology

1. Electromagnetic Compatibility
2. Electromagnetic and Radio Propagation
3. Wireless and Mobile Communications
4. Telecommunication, Propagation and Networking
5. Computational Electromagnetics and Electromagnetics Simulation Technology
6. DSP real-time encoding technology and signal Embedded Systems

Robotics Technology and Control Systems

1. Robotic Vision
2. Intelligent Robotics
3. New Mechanism and Mobility
4. Networked/Ubiquitous Robotics
5. Disaster Robotics
6. Humanoid Robot
7. Service Robotics
8. Nano/Micro Robotics
9. Surgery Robot

Accepted full papers will be considered to be published in IEEE Xplore and Indexed by Scopus.

Presented papers with improved version will have opportunities for consideration for journal publication in:

//EMITTER International Journal of Engineering Technology
(indexed by Copernicus, DOAJ, IPI, Google Scholar, BASE, ResearchBib, etc.)
//International Journal on Advanced Science, Engineering and Information Technology (IJASEIT) (indexed by Scopus, DOAJ, etc.)
//International Journal of Business Intelligence and Data Mining
(indexed by Scopus, Gale, ACM Digital Library, CNPIEC, DBLP)

IMPORTANT DATES

Deadline for Paper Submission July 3, 2017

Notification of Paper Acceptance August 15, 2017

Final Manuscript (Camera Ready) August 28, 2017

Early bird Registration & Payment August 18, 2017 / September 26-27, 2017

Deadline of Registration & Payment September 15, 2017

Main Conference September 26-27, 2017

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Submission Information & Registration
<http://ies.pens.ac.id/2017/>



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