



4th International Conference on Control Engineering & Information Technology

16-18 December 2016 - Hammamet, Tunisia

CEIT-2016



Authors are invited to submit their papers in English in the following areas, but are not limited to:

Control & Instrumentation

- Biomedical instrumentation
- Chaos and control applications
- Control & Intelligent Sensors
- Computational Science
- Discrete-time control systems
- Fault Diagnosis & Fault Tolerance
- Linear & nonlinear control
- Neuro-fuzzy control
- Predictive Control
- Robust and optimal control
- Robot Dynamic and Control
- Sliding Mode Control
- Techniques of Observation

Electrical Engineering & Automation

- AC-DC/DC-AC converters
- Automated guided vehicles
- Autonomous devices, Sensors
- Cooperative Signal Algorithms
- Digital and analog communication
- Electric machines design
- High voltage DC transmission
- Industrial electronics
- Power electronic Systems
- Power systems
- Photovoltaic systems
- Wind Turbine

Information Technology & Computer Science

- Algorithms and Bioinformatics
- Artificial Intelligence
- Computation Biology & Complexity
- Computer Graphics & Visualization
- Database and Data Fusion and Mining
- Pattern Recognition/Multimedia
- Internet & Cloud Computing
- Multimedia systems & services
- Probabilistic Methods
- Queuing Methods
- Security, Information Assurance
- Web and internet computing

Modelling & Identification

- Model Calibration and Validation
 - Modeling of Renewable Energy Systems
 - Modeling and Control of Smart Grids
 - Modelling of Biomedical System
- ### Signal & Image Processing
- Coding, transmitting, estimating
 - Image processing & Video processing
 - Reproducing signals
 - Theory and application of filtering
- ### Communication & Network
- Network Protocols & Wireless Networks
 - Network Architectures
 - High speed networks

Publication & Indexing

All presented and registered papers will be published by IEEE Xplore. Selected high quality presented papers will be invited to submit an extended version for peer-review and possible publication in the special issues of the following journals:

- 1- **International Journal of Modelling, Identification and Control (IJMIC) (SCOPUS-EiCompendex)** (15 papers)
- 2- **International Journal of Intelligent Engineering Informatics (IJIEI) (ACM & DBLP)** (15 papers)
- 3- **International Journal of Biomedical Engineering and Technology (IJBET) (SCOPUS-EiCompendex)** (15 papers)
- 4- **International Journal of Automation and Control (SCOPUS-EiCompendex)** (15 papers)



Submission Deadline October 20, 2016	Authors Notification November 20, 2016	Final Manuscript due November 30, 2016
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1- International Workshop on Nonlinear Control Systems using MATLAB (NCS-2016)

2- International Workshop on Technical Writing & Presentation of a Research Paper in English (TWP-2016)

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