CALL FOR PAPERS

INES 2016
20th Jubilee IEEE International Conference on
Intelligent Engineering Systems 2016

Budapest, Hungary
June 30-July 2, 2016

Organizer: *Óbuda University, Budapest, Hungary*
Sponsored by: *IEEE Hungary Section*
IEEE Joint Chapter of IES and RAS, Hungary
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Topics include but not limited to:

Artificial Intelligence in Engineering: Reasoning, Learning, Decision Making, Knowledge Based Systems, Expert Systems

CAD/CAM/CAE Systems: Product Modeling, Shape Modeling, Manufacturing Process Planning

Communications Software and Systems in Engineering: Design Methodologies and Tools, Object-oriented, UML, Software Engineering

Computational Intelligence in Engineering: Machine Learning, Genetic Algorithms, Neural Nets, Fuzzy Systems, Fuzzy and Neuro-fuzzy Control

Intelligent Manufacturing Systems: Production Planning and Scheduling, Rapid Prototyping, Flexible Manufacturing Systems, Collaborative Engineering, Concurrent Engineering

Intelligent Mechatronics and Robotics Systems: Control, Perception and Recognition, Sensing and Sensor Data Fusion, Intelligent Sensors, Intelligent Motion Control, Service Robots

Intelligent Signal Processing

Intelligent Transportation Systems: Navigation Systems, On-board Systems, Real-time Traffic Control

Man-Machine Systems: Human Computer Interaction, Multimedia Communications, Advanced Computer Graphics, Virtual Reality

Ontologies and Semantic Engineering: Ontology, Thesaurus, Disambiguation, Semantic Inference, Natural Language Interaction

Systems Engineering: Systems Analysis, Systems Methodology, Self-Organizing Systems, Systems Integration, Large Scale Systems, Systems Simulation, Diagnosis and Performance Monitoring

Web Engineering: Intelligent Information Retrieval and Recommendation, Textual and Visual Interaction and Interfaces, User Behavior Analysis and Modeling, Data Modeling, Information Visualization, Knowledge Acquisition

Submission of Papers
The working language of the conference is **English.** Prospective authors are invited to submit full papers.

Paper Acceptance
Each accepted paper has to be presented by one of the authors at the conference and must be accompanied with a registration fee.

http://www.ines-conf.org

Full paper submission: **April 18, 2016**
Notification deadline: **May 17, 2016**
Final paper submission: **June 1, 2016**

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