CALL FOR PAPERS

IEEE

2017 IEEE International Conference on
CIVEMSA

Annecy, France

June 26-28

Computational Intelligence
& Virtual Environments for
Measurement Systems and Applications

The IEEE International Conference on Computational Intelligence and Virtual Environments for Measurement Systems and Applications (CIVEMSA 2017) is dedicated to all aspects of computational intelligence, virtual environments and human-computer interaction technologies for measurement systems and related applications.

TOPICS OF INTEREST

Papers are solicited on all aspects of computational intelligence, human-computer interaction technologies, and virtual environments for measurement systems and the related applications, from the points of view of both theory and practice. This includes, but is not limited to, the following topics with specific emphasis on the measurement aspects:

- Intelligent Measurement Systems
- Human-computer Interaction
- Augmented & Virtual Reality
- Accuracy & Precision of Neural & Fuzzy Components
- Accuracy & Precision of Virtual Environments
- Perception, Neurodynamics, Neurophysiology, Psychophysics
- Multimodal Sensing
- Multimodal (Visual, Haptic, Audio, etc.) Virtual Environments
- Sensors & Displays
- Calibration
- Multi-Sensor Data Fusion & Intelligent Sensor Fusion
- Intelligent Monitoring & Control Systems
- Neural & Fuzzy Technologies For Identification, Prediction, & Control of Complex Dynamic Systems
- Evolutionary monitoring & control
- Evolutionary Techniques For Optimization & Logistics
- Neural & Fuzzy Signal/Image Processing For Industrial, Environmental & Domotic Applications
- Neural & Fuzzy Signal/Image Processing For Entertainment & Educational Applications
- Image Understanding & Recognition
- Object Modeling

- Object & System Model Validation
- Virtual Reality languages
- Computational Intelligence Technologies For Robotics & Vision
- Computational Intelligence Technologies For Medical & Bioengineering Applications
- Computational Intelligence For Entertainment & Educational Applications
- Collaborative Distributed Virtual Environments
- Model-Based Telecommunications & Telecontrol
- Hybrid Systems
- Fuzzy & Neural Components For Embedded Systems
- Hardware Implementation of Neural & Fuzzy Systems For Measurements
- Neural, Fuzzy & Genetic/Evolutionary Algorithms For System Optimization & Calibration
- Neural & Fuzzy Techniques For System Diagnosis
- Reliability of Fuzzy & Neural Components
- Fault Tolerance & Testing In Fuzzy & Neural Components
- Neural & Fuzzy Techniques For Quality Measurement
- Standards

IMPORTANT DATES

Full Paper Submission
APR 7, 2017

Final Paper Submission
MAY 12, 2017

Congress
JUN 26-28, 2017

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