IEEE SMC 2016 October 9-12, Budapest, Hungary

SMC 2016 CALL FOR PAPERS
2016 IEEE International Conference on Systems, Man, and Cybernetics
October 9-12, 2016 Hotel Intercontinental, Budapest, Hungary

SMC2016 is dedicated to the Hungarian born John von Neumann “a Pioneer of Modern Computer Science”. In honor of him, the theme of the conference is “A theory that transformed the world to a Cyberspace”

Papers related to the conference theme are especially solicited, including theories, methodologies, and emerging applications. The following contributions on theory and practice, including but not limited to the following technical areas, are invited.

Systems Science & Engineering
- Communications
- Conflict Resolution
- Consumer/Industrial Applications
- Control of Uncertain Systems
- Cooperative Systems and Control
- Decision Support Systems
- Discrete Event Systems
- Distributed Intelligent Systems
- Enterprise Information Systems
- Fault Monitoring and Diagnosis
- Intelligent Power Grid
- Smart Metering
- Infrastructure Systems & Services
- Homeland Security
- Intelligent Green Production
- Intelligent Transportation Systems
- Large-Scale System of Systems
- Manufacturing Systems
- Mechatronics
- Micro and/or Nano Systems
- Quality/Reliability Engineering
- Robotic Systems
- Service Systems & Organizations
- Smart Sensor Networks
- System Modeling and Control
- Technology Assessment

Human-Machine Systems
- Assistive Technology
- Augmented Cognition
- Brain-based Information Communications
- Design Methods
- Entertainment Engineering
- Human-Computer Interaction
- Human Factors
- Human Performance Modeling
- Human-Machine Cooperation & Systems
- Human-Machine Interface Web Intelligence
- Interaction
- Information Visualization
- Information Systems for Design/Marketing
- Virtual and Augmented Reality Systems
- Interactive and Digital Media
- Interactive Design Science & Engineering
- Kansel (sense/emotion) Engineering
- Medical Informatics
- Multimedia Systems
- Multi-user Interaction
- Resilience Engineering
- Supervisory Control
- Systems Safety and Security
- Team Performance and Training Systems
- User Interface Design
- Wearable Computing

Cybernetics
- Agent-Based Modeling
- Artificial Immune Systems
- Artificial Life
- Biometric Systems and Bioinformatics
- Computational Intelligence
- Computational Life Science
- Cybernetics for Informatics
- Evolutionary Computation
- Expert and Knowledge-based Systems
- Information Assurance & Intelligent Multimedia Computation
- Heuristic Algorithms
- Hybrid models of NN, Fuzzy Systems and Evolutionary Computing
- Image Processing/Pattern Recognition
- Fuzzy Systems and their Applications
- Intelligent Internet Systems
- Knowledge Acquisition
- Machine Learning
- Machine Vision
- Media Computing
- Medical Informatics
- Neural Networks and their Applications
- Optimization
- Self-Organization
- Swarm Intelligence

Deadlines

February 15, 2016
Submission of proposals for Special Sessions
March 15, 2016
Acceptance/rejection notification of proposals for Special Sessions
April 15, 2016
Deadline for submission of proposals for tutorial and workshop sessions
May 25, 2016
Acceptance notification for tutorial and workshop sessions
May 25, 2016
Acceptance notification for all categories of papers and posters
July 9, 2016
Final camera-ready papers due for regular, special, short, and demo paper sessions
August 5, 2016
Deadline for early registration

Call for Regular Session Papers
Prospective authors are invited to submit full-length papers electronically through the conference website. Papers should be concise, but contain sufficient detail s and references to allow critical review.

Call for Special Sessions
Special Sessions provide a focused discussion of new or innovative topics. Special session organizers collect at least five papers, download the special session proposal template from the SMC2014 website, and submit the completed proposal to the Special Sessions Chair.

Call for Short Paper Sessions, Demo Paper Sessions, and Poster Sessions
These categories are intended to promote applied research and applications, including work in progress, and encourage collaboration between industrial and academic members of the SMC community.

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