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
- Conflict Resolution
- Cooperative Systems and Control
- Cyber-Physical Cloud Systems
- Decision Support Systems
- Discrete Event Systems and Petri Nets
- Distributed Intelligent Systems
- Enterprise Architecture and Engineering
- Enterprise Information Systems
- Grey Systems
- Homeland Security
- Smart Metering
- Infrastructure Systems and Services
- Intelligent Green Production Systems
- Intelligent Learning in Control Systems
- Intelligent Power and Energy Systems
- Intelligent Transportation Systems
- Intelligent Vehicle Systems and Control
- Large-Scale System of Systems
- Logistics Informatics and Industrial Security Systems
- Medical Mechatronics
- Model-Based Systems Engineering
- Robotic Systems
- Service Systems and Organization
- System of Systems
- Smart Sensor Networks
- System Modeling and Control
- System Biology
- 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 and Systems
- Human-Machine Interface and Communications
- Web Intelligence and Interaction
- Information Visualization
- Information Systems for Design/Marketing
- Virtual and Augmented Reality Systems
- Interactive and Digital Media
- Interactive Design Science and Engineering
- Kansei (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
- Affective Computing
- Companion Technologies
- Mental Models

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 and Intelligent Multimedia Computation
- Heuristic Algorithms
- Hybrid models of NN, Fuzzy Systems and Evolutionary Computing
- Image Processing/Pattern Recognition
- Fuzzy Systems and Applications
- Intelligent Internet Systems
- Knowledge Acquisition in Intelligent Machine Learning
- Machine Vision
- Media Computing
- Medical Informatics
- Neural Networks and Applications
- Optimization
- Self-Organization
- Swarm Intelligence

Deadlines
- February 15, 2016 - Expired
  Submission of proposals for Special Sessions
- February 29, 2016 - Expired
  Submission of proposals for Workshop sessions
- March 15, 2016 - Expired
  Acceptance/rejection notification of proposals for Special and Workshop Sessions
- May 1, 2016 - Expired
  Deadline for submission of Regular, Special, Demo, Position and Workshop papers
- May 1, 2016 - Expired
  Deadline for submission of proposals for Tutorial sessions
- June 1, 2016
  Acceptance notification for Tutorial sessions
- June 1, 2016
  Acceptance notification for all categories of papers
- July 9, 2016
  Final camera-ready papers due for regular, special, demo and position paper sessions
  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 SMC2016 website, and submit the completed proposal to the Special Sessions Chair.

Call for Demo Paper Sessions, Tutorials and Workshops
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.

Contact:
Imre J. Rudas
General Chair
Obuda University, Hungary
rudas@uni-obuda.hu