IEEE SMC JUNIOR 2016
A NEW INITIATIVE OF SMCS
CALL FOR PAPERS

IEEE SMC — Systems, Man, and Cybernetics Society

SMC JUNIOR 2016 (www.smc2016.org/junior)

A Satellite Conference of 2016 IEEE International Conference on Systems, Man, and Cybernetics October 9-12, 2016 Hotel Intercontinental, Budapest, Hungary.

SMC Junior 2016 is organized for Students and Young Professionals (YP) in order to provide a platform

- To attend and publish a paper at an internationally highly recognized conference
- To be involved and learn how to organizes conferences
- To be involved in and to learn the review process
- To learn how to be a chair of a session
- To prepare how to become an academic.

The extra features of SMC Junior 2016 are

- For low income country participants
  - Student travel grants
  - Reduced registration fee
- Best paper awards
- Student and YP competitions
- Local travel support
- **Post Conference Budapest Tour**
  Guided tour by professional youths to meet Budapest as the City of Young Generation.

Deadlines

February 15, 2016
Submission of proposals for Special Sessions

March 15, 2016
Acceptance/rejection notification of proposals for Special Sessions

April 15, 2016
Extended deadline for submission of regular, special, short, demo, and poster 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
Deadline for early registration

July 31, 2016
Deadline for late registration

SMC 2016 and SMC Junior 2016 are 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/Automation
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

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

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 in Intelligent

Machine Learning
Machine Vision
Media Computing
Medical Informatics
Neural Networks and their Applications
Optimization
Self-Organization
Swarm Intelligence

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 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.

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