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

IEEE SMC — Systems, Man, and Cybernetics Society

SMC JUNIOR 2016

A Satellite Conference of 2016 IEEE International Conference on Systems, Man, and Cybernetics October 8-12, 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

Apr 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

Jul 9, 2016
Final camera-ready papers due for regular, special, short, and demo paper sessions

Augustus 5, 2016
Deadline for early 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	Human-Machine Systems	Cybernetics
Communications	Assistive Technology	Agent-Based Modeling
Conflict Resolution	Augmented Cognition	Artificial Immune Systems
Consumer/Industrial Applications	Brain-based Information Communications	Artificial Life
Control of Uncertain Systems	Design Methods	Biometric Systems and Bioinformatics
Cooperative Systems and Control	Entertainment Engineering	Computational Intelligence
Decision Support Systems	Human-Computer Interaction	Computational Life Science
Discrete Event Systems	Human Factors	Cybernetics for Informatics
Distributed Intelligent Systems	Human Performance Modeling	Evolutionary Computation
Enterprise Information Systems	Human-Machine Cooperation & Systems	Expert and Knowledge-based Systems
Fault Monitoring and Diagnosis	Human-Machine Interface Web Intelligence	Information Assurance & Intelligent
Intelligent Power Grid	Interaction	Multimedia Computation
Smart Metering	Information Visualization	Heuristic Algorithms
Infrastructure Systems & Services	Information Systems for Design/Marketing	Hybrid models of NN, Fuzzy Systems
Homeland Security	Virtual and Augmented Reality Systems	and Evolutionary Computing
Intelligent Green Production	Interactive and Digital Media	Image Processing/Pattern Recognition
Intelligent Transportation Systems	Interactive Design Science & Engineering	Fuzzy Systems and their applications
Large-Scale System of Systems	Kansei (sense/emotion) Engineering	Intelligent Internet Systems
Manufacturing Systems/Automation	Medical Informatics	Knowledge Acquisition in Intelligent
Mechatronics	Multimedia Systems	Machine Learning
Micro and/or Nano Systems	Multi-user Interaction	Machine Vision
Quality/Reliability Engineering	Resilience Engineering	Media Computing
Robotic Systems	Supervisory Control	Medical Informatics
Service Systems & Organizations	Systems Safety and Security	Neural Networks and their Applications
Smart Sensor Networks	Team Performance and Training Systems	Optimization
System Modeling and Control	User Interface Design	Self-Organization
Technology Assessment	Wearable Computing	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 SMC2014 website, and submit the completed proposal to the Special Sessions Chair.

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