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 - 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

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

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
Systems 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

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.

Imre J. Rudas
General Chair
rudas@uni-obuda.hu

György Eigner
General Co-chair
eigner.gyorgy@nik.uni-obuda.hu

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