Main purposes of SMC Junior Initiative

SMC Junior is organized parallel with the annual flagship SMC conference 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 organize conferences
- to be involved in and to learn the review process
- to learn how to be a chair of a session
- to participate in the Student and Young Professional Community’s work regarding SMC activities

Why should you participate in?

SMC Junior 2019 is a great opportunity for every student for:

- Building a strong, professional and international network and improve your networking skills
- Meet with and learn from professionals from the same scientific field
- Participate in the Student and Young Professional Community’s work regarding SMC activities

Technical questions

The Junior establishment will not be separated from the SMC 2019 flagship conference, which means that all Junior participants can attend on all SMC 2019 events as well depends on their registration. Venue will be the same (common spots for the sessions).

SMC Student Activities Community

The SMC Student Activities Subcommittee has recently launched the Student Activities Community. The main goal of this initiative is to collect all of the student and graduated student members of SMC in order to:

- Building and keeping up stronger collaboration between the members;
- Share the important information with the members in a more effective way;
- Provide the opportunity for the members to access to different programs.

If you are interested and want to be the part of this great community, send an email to György Eigner (eigner.gyorgy@nik.uni-obuda.hu) -- Chair of the Young Professional Subcommittee -- and follow us on Facebook: @ieeesmcstudentactivities

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**SMC JUNIOR 2019**

**Call for Papers**

A part of 2019 IEEE International Conference on Systems, Man, and Cybernetics, October 6–9, 2019, Nicolaus Hotel, Bari Italy (http://www.smc2019.org)

The 2019 IEEE International Conference on Systems, Man, and Cybernetics (SMC 2019) will be held in Nicolaus Hotel, Bari, Italy with majestic ocean view. On the SMC 2019 flagship conference of the IEEE Systems, Man, and Cybernetics Society the 4th SMC Junior will be organized again this year. It provides an international forum for student and young researchers and practitioners to report most recent innovations and developments, summarize state-of-the-art, and exchange ideas and advances in all aspects of systems science and engineering, human machine systems, and cybernetics. Advances in these fields have increasing importance in the creation of intelligent environments involving technologies interacting with humans to provide an enriching experience and thereby improve quality of life.

**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

**Important Dates**

- March 31, 2019* Submission deadline for Junior papers
- June 7, 2019 Acceptance notification for Junior papers
- July 7, 2019 Final camera-ready papers due for all papers
- October 6-9, 2019 Conference dates

**Call for Junior Session Papers**

Prospective authors are invited to submit full-length papers electronically through the conference website. Papers should be concise but contain sufficient details and references to allow critical review.

*One of the EIEEE Smc2019.org conference and reference)

**Note:** Accepted papers that are not PHYSICALLY presented at SMC 2019 will be excluded from the IEEE Xplore.