



Call for Papers

SACI 2019

Timișoara, Romania
May 23-25, 2019



Universitatea
Politehnica
Timișoara

ORGANIZERS: Óbuda University, Hungary; and
Politehnica University of Timișoara, Romania

13th IEEE International Symposium on Applied Computational Intelligence and Informatics

<http://conf.uni-obuda.hu/saci2019>

FOUNDING HONORARY CHAIRS

Imre J. Rudas, Óbuda University, Budapest, Hungary

HONORARY CHAIRS

Viorel-Aurel Șerban, Rector of Politehn. Univ. of Timișoara, Romania

Mihály Réger, Rector of Óbuda University, Budapest, Hungary

HONORARY COMMITTEE

Ioan Dumitrache, Politehnica University of Bucharest, Romania,
Chairman of SRAIT

Florin-Gheorghe Filip, Romanian Academy

Emil M. Petriu, University of Ottawa, Canada

GENERAL CO-CHAIRS

Levente Kovács, Óbuda University, Budapest, Hungary

Radu-Emil Precup, Politehnica University of Timișoara, Romania

STEERING COMMITTEE

Horia Ciocârlie, Politehnica University of Timișoara, Romania

Florin Drăgan, Politehnica University of Timișoara, Romania

Tamás Haidegger, Óbuda University, Budapest, Hungary

Stefan Preitl, Politehnica University of Timișoara, Romania

INTERNATIONAL ADVISORY BOARD

Bernard De Baets, Ghent University, Belgium

Valentina E. Balas, „Aurel Vlaicu” University of Arad, Romania

Ulrich Bodenhofer, Johannes Kepler University, Linz, Austria

János Csirik, Szeged University, Hungary

Toshio Fukuda, Nagoya University, Japan

Aurél Galántai, Óbuda University, Budapest, Hungary

Frans C. A. Groen, University of Amsterdam, The Netherlands

Voicu Groza, University of Ottawa, Canada

Dan Ionescu, University of Ottawa, Canada

Péter Kádár, Óbuda University, Budapest, Hungary

Mel Siegel, Carnegie Mellon University, Pittsburgh, PA, USA

Nicolae Țăpus, Politeh. Univ. of Bucharest, Romania

Annamária R. Várkonyi-Kóczy, Óbuda University, Budapest, Hungary

Mihail Voicu, „Gheorghe Asachi” Technical University of Iași, Romania

Peter Wide, Örebro University, Sweden

ORGANIZING COMMITTEE CHAIRS

Ciprian-Bogdan Chirila, Adriana Albu, Lucian Prodan, Mihai V.

Micea, Politehnica University of Timișoara, Romania

József Gáti, Óbuda University, Budapest, Hungary

ORGANIZING COMMITTEE

Gyula Kártyás, Krisztina Némethy, Franciska Hegyesi, Óbuda
University, Budapest, Hungary

Octavian Prostean, Claudia-Adina Bojan-Drăgos, Loredana Stanciu,

Alexandra-Iulia Szedlak-Stinean, Mircea-Bogdan Radac, Mihaela

Crisan-Vida, Raul-Cristian Roman, Razvan Bogdan, Ioan Filip, Dan

Pescaru, Dorina Popescu, Raul Robu, Alexandru Iovanovici, Iosif

Szeidert, Politehnica University of Timișoara, Romania

TECHNICAL PROGRAM COMMITTEE CO-CHAIRS

Radu-Emil Precup, Politehnica University of Timișoara, Romania

Szilveszter Kovács, University of Miskolc, Hungary

TECHNICAL PROGRAM COMMITTEE

Mihai Abrudean, Technical Univ. of Cluj-Napoca, Romania

Gheorghe-Daniel Andreescu, Politehnica Univ. of Timișoara, Ro

Dragan Antic, University of Nis, Serbia

Péter Baranyi, BME, Hungary

Costin Bădică, University of Craiova, Romania

Ildar Batyrshin, Mexican Petroleum Institute, Mexico

Barnabás Bede, DigiPen, Redmond, WA, USA

Balázs Benyó, Széchenyi István University, Hungary

Petru Berce, Technical Univ. of Cluj-Napoca, Romania

Saso Blazic, University of Ljubljana, Slovenia

Theodor Borangiu, Politehnica Univ. of Bucharest, Romania

Cătălin Buiu, Politehnica Univ. of Bucharest, Romania

Dumitru Burdescu, University of Craiova, Romania

Keith J. Burnham, Coventry University, UK

Sergiu Caraman, „Dunărea de Jos” Univ. of Galați, Romania

Emil Ceangă, „Dunărea de Jos” Univ. of Galați, Romania

Alexandru Cicortas, West University of Timișoara, Romania

Nicolae Constantin, Politehnica Univ. of Bucharest, Romania

Ana-Maria Cretu, Carleton Univ. and University of Ottawa, Canada

Vladimir Cretu, Politehnica University of Timișoara, Romania

Marius Crișan, Politehnica Univ. of Timișoara, Romania

Valentin Cristea, Politehnica University of Bucharest, Romania

Daniela Danciu, University of Craiova, Romania

László David, „Gheorghe Major” Univ. Tg. Mureș, Romania

Monica Dragoicea, Politehnica Univ. of Bucharest, Romania

György Eigner, Óbuda University, Hungary

Petru Eles, Linköping University, Sweden

Lavinia Ferariu, „Gheorghe Asachi” Technical Univ., Iași, Ro.

Clement Fištilá, Technical Univ. of Cluj-Napoca, Romania

Péter Galambos, Óbuda University, Budapest, Hungary

Tamás Haidegger, Óbuda University, Budapest, Hungary

Stefan Holban, Politehnica Univ. of Timișoara, Romania

László Horváth, Óbuda University, Budapest, Hungary

Eugen Iancu, University of Craiova, Romania

Zsolt Csaba Johanyák, John von Neumann Univ., Hungary

László Kovács, University of Miskolc, Hungary

Marius Marcu, Politehnica University of Timișoara, Romania

Liviu Miclea, Technical Univ. of Cluj-Napoca, Romania

András Molnár, Óbuda University, Budapest, Hungary

Vlad Muresan, Technical University of Cluj-Napoca, Romania

Sergiu Nedevschi, Technical University of Cluj-Napoca, Romania

Sorin Olaru, CentraleSupélec, Gif sur Yvette, France

Eneko Osaba, TECNALIA Research and Innovation, Spain

Aleš Procházka, Institute of Chemical Technology, Prague, Czech

Victor-Valeriu Patriciu, Military Technical Academy, Bucharest

Octavian Păstrăvanu, „Gheorghe Asachi” Tech. Univ. of Iași, Ro

Dan Pescaru, Politehnica Univ. of Timișoara, Romania

Dana Petcu, West University of Timișoara, Romania

Dan Popescu, University of Craiova, Romania

Claudiu Pozna, Széchenyi István University, Győr, Hungary, and

Transilvania University of Brasov, Romania

Octavian Prostean, Politehnica Univ. of Timișoara, Romania

Vladimir Rasvan, University of Craiova, Romania

Pedro Rodriguez-Ayerbe, SUPELEC, Gif sur Yvette, France

Ioan Salomie, Technical University of Cluj-Napoca, Romania

Gerald Schaefer, Loughborough University, UK

Dan Selisteanu, University of Craiova, Romania

Peter Siničák, Technical University of Košice, Slovakia

Valentin Sgârciu, Politehnica Univ. of Bucharest, Romania

Igor Skrjanc, University of Ljubljana, Slovenia

Lăcrămioara Stoicu-Tivadar, Politehnica Univ. of Timișoara

Ágnes Szeghegyi, Óbuda University, Budapest, Hungary

Márta Takács, Óbuda University, Budapest, Hungary

Nicolae Tapus, Politehnica University of Bucharest, Romania

József K. Tar, Óbuda University, Budapest, Hungary

József Tick, Óbuda University, Budapest, Hungary

Doru Todincă, Politehnica Univ. of Timișoara, Romania

Marius L. Tomescu, „Aurel Vlaicu” University of Arad, Romania

Honoriu Valean, Technical University of Cluj-Napoca, Romania

Zoltán Vámosy, Óbuda University, Budapest, Hungary

Jan Vaščák, Technical University of Košice, Slovakia

Lucian N. Vintan, „Lucian Blaga” University of Sibiu, Romania

Alina Voda, University Joseph Fourier, France

Mihail Voicu, „Gheorghe Asachi” Technical Univ., Iași, Romania

Daniela Zaharie, West University of Timișoara, Romania

Rushan Ziatdinov, Keimyung University, South Korea

VENUE

Timișoara, Romania

Politehnica University of Timișoara, <http://www.upt.ro/english/index.php>

Faculty of Automation and Computers

TOPICS include but not limited to

- Computational Intelligence (track chair: Róbert Fullér)
- Intelligent Mechatronics (track chair: Radu-Emil Precup)
- Systems Engineering (track chair: Gyula Hermann)
- Intelligent Manufacturing Systems (track chair: László Horváth)
- Intelligent Control (track chair: József K. Tar)
- Intelligent Robotics (track chair: Tamás Haidegger)
- Informatics (track chair: Levente Kovács)

SUBMISSION of PAPERS

Authors are asked to submit electronically a full paper until Febr. 7, 2019 through electronic submission system on the website.

PRESENTATION

PC and data projector will be provided for oral presentation; and poster panels for poster presentation.

AUTHOR'S SCHEDULE

Deadline of full paper submission February 7, 2019

Deadline of notification March 7, 2019

Deadline of final paper submission April 11, 2019

SPONSORED BY

IEEE Hungary Section

IEEE Chapter of SMC, Hungary

IEEE Joint Chapter of IES and RAS, Hungary

IEEE Control Systems Chapter, Hungary

TECHNICAL CO-SPONSORSHIP

IEEE SMC Society

IN TECHNICAL CO-OPERATION WITH

IEEE Romania Section

ASTR – Academy of Technical Sciences, Romania

Óbuda University, Budapest, Hungary

Romanian Academy – Timișoara Branch

LOCAL SECRETARY (for local information)

Cornelia Angelescu, Politehnica University of Timișoara

Phone: +40 256 403261, +40 256 403273

e-mail: cornelia.angelescu@cs.upt.ro, secretariat@cs.upt.ro

SECRETARY GENERAL

Anikó Szakál, Óbuda University, Hungary, szakal@uni-obuda.hu