



Call for Papers

SACI 2018

Timișoara, Romania
May 17-19, 2018



Universitatea
Politehnică
Timișoara

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

12th IEEE International Symposium on Applied Computational Intelligence and Informatics

<http://conf.uni-obuda.hu/saci2018>

HONORARY CHAIRS

Viorel-Aurel Șerban, Rector of Politehn. Univ. of Timișoara, Romania
Mihály Réger, Vice-Rector of Óbuda University, Budapest, Hungary
Levente Kovács, IEEE Hungary Section chair

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

Imre J. Rudas, Óbuda University, Budapest, Hungary
Radu-Emil Precup, Politehnica University of Timișoara, Romania

STEERING COMMITTEE

Horia Ciocărlie, Politehnica University of Timișoara, Romania
Florin Drăgan, Politehnica University of Timișoara, Romania
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, IEEE Hungary Section, Budapest, Hungary
Endre Pap, University of Novi Sad, Serbia
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 Proștean, **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 Ciortas, 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 Cretu, 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
Lavinia Ferariu, “Gheorghe Asachi” Technical Univ., Iași, Ro.

Clement Feștilă, Technical Univ. of Cluj-Napoca, Romania
Petru Eles, Linköping University, Sweden
Péter Galambos, 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, Kecskemét College, 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, SUPELEC, 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” Technical 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 Proștean, 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 Selesteanu, University of Craiova, Romania
Peter Sinčák, 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
Árpád Takács, 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
Domonkos Tikk, BME, 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. 9, 2018 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 9, 2018
Deadline of notification March 9, 2018
Deadline of final paper submission April 6, 2018

SPONSORED BY

IEEE Hungary Section
IEEE Chapter of Computational Intelligence Society, Hungary
IEEE Chapter of SMC, Hungary
IEEE Joint Chapter of IES and RAS, 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