# Call for Papers

# SACI 2018

## Timişoara, Romania
## May 17-19, 2018

## 12th IEEE International Symposium on Applied Computational Intelligence and Informatics

### http://conf.uni-obuda.hu/saci2018

### HONORARY CHAIRS
**Viorel-Aurel Şerban**, Rector of Politehn. Univ. of Timişoara, Romania
**Mihály Réger,** 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 Timişoara, Romania

### STEERING COMMITTEE
**Horia Ciocârlie**, Politehnica University of Timişoara, Romania
**Florin Drăgan,** Politehnica University of Timişoara, Romania
**Stefan Preitl,** Politehnica University of Timişoara, 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 Ţăpus**, Politeh. Univ. of Bucharest, Romania
**Annamária R. Várkonyi-Kóczy**, Óbuda University, Budapest, Hungary
**Mihail Voicu**, „Gheorghe Asachi" Technical University of Iaşi, Romania
**Peter Wide**, Örebro University, Sweden

### ORGANIZING COMMITTEE CHAIRS
**Ciprian-Bogdan Chirila, Adriana Albu, Lucian Prodan, Mihai V. Micea,** Politehnica University of Timişoara, Romania
**József Gáti,** Óbuda University, Budapest, Hungary

### ORGANIZING COMMITTEE
**Gyula Kártyás, Krisztina Némethy, Franciska Hegyesi**, Óbuda University, Budapest, Hungary
**Octavian Prostean, Claudia-Adina Bojan-Dragos, 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 Timişoara, Romania

### TECHNICAL PROGRAM COMMITTEE CO-CHAIRS
**Radu-Emil Precup**, Politehnica University of Timişoara, Romania
**Szilveszter Kovács**, University of Miskolc, Hungary

### VENUE
Timişoara, Romania
Politehnica University of Timisoara, *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 22, 2018
Deadline of notification ....................................... March 21, 2018
Deadline of final paper submission ....................... April 11, 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 – Timisoara Branch

### LOCAL SECRETARY (for local information)
**Cornelia Angelescu,** Politehnica University of Timisoara
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*

### TECHNICAL PROGRAM COMMITTEE
**Mihai Abrudean,** Technical Univ. of Cluj-Napoca, Romania
**Gheorghe-Daniel Andreescu,** Politehnica Univ. of Timisoara, 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 University 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 Galaţi, Romania
**Emil Ceangă,** "Dunărea de Jos" Univ. of Galaţi, Romania
**Alexandru Cicortaş,** West University of Timişoara, Romania
**Nicolae Constantin,** Politehnica Univ. of Bucharest, Romania
**Ana-Maria Cretu,** Carleton Univ. and University of Ottawa, Canada
**Vladimir Cretu,** Politehnica University of Timişoara, Romania
**Marius Crişan,** Politehnica Univ. of Timişoara, Romania
**Valentin Cristea,** Politehnica University of Bucharest, Romania
**Daniela Danciu,** University of Craiova, Romania
**Lászlo David,** "Gheorghe Major" Univ. Tg. Mureş, Romania
**Monica Dragoicea,** Politehnica Univ. of Bucharest, Romania
**György Eigner,** Óbuda University, Hungary

**Petru Eles,** Linköping University, Sweden
**Lavinia Ferariu,** "Gheorghe Asachi" Technical Univ., Iaşi, Ro.
**Clement Feştilă,** Technical Univ. of Cluj-Napoca, Romania
**Péter Galambos,** Óbuda University, Budapest, Hungary
**Tamás Haidegger,** Óbuda University, Budapest, Hungary
**Stefan Holban,** Politehnica Univ. of Timişoara, 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 Timişoara, 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,** CentraleSupelec, 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 Iaşi, Ro
**Dan Pescaru,** Politehnica Univ. of Timişoara, Romania
**Dana Petcu,** West University of Timişora, 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 Timisoara, 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 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 Timişoara
**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 Timişoara, Romania
**Marius L. Tomescu,** "Aurel Vlaicu" University of Arad, Romania
**Honoriu Valean,** Technical University of Cluj-Napoca, Romania
**Zoltán Vámossy,** 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., Iaşi, Romania
**Daniela Zaharie,** West University of Timişoara, Romania
**Rushan Ziatdinov,** Keimyung University, South Korea