WELCOME!

SAI — JOHN ATANASOFF SOCIETY OF AUTOMATICS AND INFORMATICS

Organized by John Atanasoff Society of Automatics and Informatics (SAI), Bulgaria, Sponsored by International Federation of Automatic Control (IFAC), IFAC Technical Committee Main-Sponsor TC9.3 and Co-Sponsors TC1.5 TC2.1 TC3.1 TC3.3 TC5.3 TC6.3 TC7.4 TC7.5 TC8.3 TC9.1 TC9.2 TC9.4 TC9.5.

THE SECOND ANNOUNCEMENT AND CALL FOR PAPERS

It is our pleasure to invite you to participate in the **IFAC Workshop on Control for Smart Cities – CSC 2022**, which aims to bring together researchers and practitioners from industry and academia to give an overview of the state of the art, to present new research results and to exchange ideas and experiences in the field of control for smart cities.

SCOPE

Control for Smart City is a multidisciplinary research area and involves collaboration with Control Systems specialists, Information Technology professionals, Urban Development Engineers and Architects, Civil engineers, Environment researchers, Transport and Automotive specialists, Water and Energy professionals, etc. Special Measurements, Networking, Communications, Decision Making, Operations Research, Control Systems, Mathematical Modelling, and Optimization technics are advanced instruments based on emerging Big Data and Artificial Intelligence (AI) technologies directed to create a healthy, energy efficient, and convenient environment to improve the quality of life of the citizens.

VENUE

CSC 2022 will take place in Hotel Villa List, Sozopol, Bulgaria. Sozopol is an ancient seaside town located 35 km south of airport Burgas on the southern Bulgarian Black Sea Coast. Sozopol is a lovely place to spend a few days with its long sandy beaches, cobbled streets, numerous traditional restaurants and historical features. Sozopol is with easy travel connections to major cities and airports of Bulgaria – Sofia, Burgas, Varna, Plovdiv.

TOPICS

- System Theory in Smart City Control
- Operations Research in Smart City Control
- Modeling and Simulation in Smart City Control
- Optimization and Decision Making in Smart City Control
- Smart Buildings
- Home Automation
- HVAC
- Smart Grids
- Renewable Energy Systems
- Energy Efficiency
- Cyber-Physical Systems
- Intelligent Transportation
- Smart Water Systems
- Cybersecurity and Safety
- Pollution Management
- Communications, Mobility, 5G
- IoT in the Smart City Control
- Open Data and AI in the Smart City Control
- Smart City Control Education

PAPER SUBMISSION

All papers for the workshop have to be in their final form according to IFAC Author Guide in a volume of maximum six pages. Please refer to the following site: https://www.ifac-control.org/events/authors-guide. One author can participate with a maximum of three papers. All submissions must be made through the IFAC Conference Manuscript Management System website at http://ifac.papercept.net/.

COPYRIGHT CONDITIONS

All publication material submitted for presentation at an IFAC-sponsored meeting (Congress, Symposium, Conference, Workshop) must be original and hence cannot be already published, nor can it be under review elsewhere. The authors take responsibility for the material that has been submitted. IFAC-sponsored conferences will abide by the highest standard of ethical behavior in the review process as explained on the Elsevier webpage (https://www.elsevier.com/authors/journal-authors/policies-and-ethics), and the authors will abide by the IFAC publication ethics guidelines (https://www.ifac-control.org/events/organizersguide/PublicationEthicsGuidelines.pdf/view).

Accepted papers that have been presented at an IFAC meeting will be published in the proceedings of the event using the open-access IFAC-PapersOnLine series hosted on ScienceDirect (https://sciencedirect.com/). To this end, the author(s) must grant exclusive publishing rights to IFAC under a Creative Commons license when they submit the final version of the paper. The copyright belongs to the authors, who have the right to share the paper in the same terms allowed by the end user license, and retain all patent, trademark and other intellectual property rights (including research data).

PUBLISHING AND INDEXING

The papers presented on the CSC 2022 workshop will be published in IFAC-PapersOnLine and indexed by Scopus, the Web of Science (WoS), and Google Scholar.

PHD WORKSHOP

If support is received from the IFAC Activity Fund it is planned funding for free of charge participation of PhD students at the PhD Workshop within CSC 2022.

IMPORTANT DATES

Proposals for special session: 31 January 2022

Draft paper submission deadline: 20 March 2022

Paper acceptance notification: 30 April 2022

Final paper submission: 31 May 2022

Virtual participation is an option for pandemic situation.

REGISTRATION & PRICING

Early registration fee: €300 (**Deadline:** 20 May 2022)
Registration fee: €350 (**Deadline:** 24 June 2022)
Late registration fee: €400 (**After** 25 June 2022)
Student fee: €150 (with student participation only)

The above fees are for one workshop paper. For a second paper accepted for presentation at the workshop, the authors should pay an extra fee of €150. The name of an author cannot be found in more than two papers.

INTERNATIONAL PROGRAM COMMITTEE (IPC)

- Prof. Qing-Shan Jia – Chair (CN)
- Acad. Prof. Vassil Sgurev – Co-chair (BG)
- Prof. Tariq Samad – Vice-Chair from Industry (US)

NATIONAL ORGANIZING COMMITTEE (NOC)

- Prof. Kosta Boshnakov – Chair (BG)
- Assoc. Prof. Kamen Spassov – Co-chair (BG)
- Prof. Lyudmila Mihaylova – Vice-Chair (UK)
- Zdravko Georgiev, PhD – Vice-Chair from Industry (BG)

CONTACTS

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For more details, please see the workshop website:
https://csc2022.sai-bg.com//

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