

XVI SIBERIAN CONFERENCE ON CONTROL AND COMMUNICATIONS

NOVEMBER 17–19, 2022 | TOMSK, RUSSIA

INVITATION

The conference is organized by the Tomsk IEEE Chapter and TUSUR on a regular basis in order to promote interdisciplinary discussion and interaction among scientists and engineers with an emphasis on the IEEE membership. The conference is a platform for the presentation and discussion of new fundamental and applied outcomes in electron communication systems, control, microelectronics, and cyber-physical systems. The conference provides opportunity to present papers and establish scientific and educational contacts. While the scientific program is expected to create stimulating professional interaction, the magic of Tomsk, winter atmosphere and wealth of historic architecture promise a pleasant and memorable stay.

The conference will include plenary sessions with invited speakers, parallel thematic sessions with oral presentations, and a social program.

TOPICS

- ▶ The Fundamental Problems of Communication and Control Theory
- ▶ Electronic instrumentation, microelectronics and radiophotonics
- ▶ Information technology, cyber-security and cyber-physical systems

DEADLINES

September 20 — Full Paper Submission

October 20 — Notification of Acceptance

October 31 — Registration



ORGANIZED BY

- Tomsk State University of Control Systems and Radioelectronics (TUSUR)
- Russia Siberia Section of the Institute of Electrical and Electronics Engineers
- The Tomsk Chapter of the IEEE

SPONSOR

- TUSUR
- Keysight Technologies
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- Systems. Technologies. Communications Ltd

TECHNICAL SPONSOR

- The IEEE Electron Devices Society (IEEE ED-S)
- Tomsk IEEE Chapter
- Russia Siberia Section of the IEEE

INFORMATION SUPPORT

- Scientific and technical journal «Automatics & Software Enginery» www.jurnal.nips.ru
- Scientific journal «High-performance computing systems and technologies» journal.asu.ru/hpcst
- Scientific journal "TUSUR Reports" journal.tusur.ru

ABSTRACT SUBMISSION

Prospective authors are invited to submit papers of their original research contributions describing new results, original ideas, and applications on relevant topics. Papers should be upload via web-interface sibcon.tusur.ru, in DOC or PDF file, length of 4–6 A4 (21x29.7 cm) pages (with margins at 2.5 cm, 10-point Times New Roman or similar fonts, and single spaced). The IEEE template should be used.

The manuscripts should contain the following information: paper title, author(s) data, abstract, keywords, state-of-the-art in the field of interest, problem statement and objective, description of

the contribution (novelty, research methodology), results achieved and their further development and applicability, at least 15 references to cited publications with no more than 20 % to author's works (self-citations).

The International Program Committee will make selection of papers. Papers will be reviewed for the technical merit and content. Only original, unpublished contributions will be considered.

All contributions are accepted with the understanding that at least one of the authors will register and be present at the conference.

! VISAS

You may be required to apply for entry Russian visa in advance. Visa application can take up to three-four month to be processed. **Please contact the conference organizers in time to get an official invitation.**

DETAILED INFORMATION

All detailed information about registration and hotel reservation, instructions for the preparation full camera-ready paper text etc. will be available in the Conference Website and emailed to corresponded authors.

PUBLICATION

The conference proceedings in the form of full papers will be published in English, containing all conference manuscripts, and will be distributed among the conference participants. The Proceedings will be submitted to the IEEE Xplore digital library as well as another abstracting and Indexing databases.

Notifications of paper acceptance and the preliminary program will be sent to the first author in October 2022.

SPECIAL SESSION

A special session "Instrumentation of genetic technologies" will be held in a frameworks of the SIBCON-2022 conference.

COURSES

The Organizing Committee accepts proposals for short courses related to SIBCON topics until October 20, 2022.

REGISTRATION FEE

The registration fee — **\$250 for IEEE members**, \$170 for students (without co-authors), and \$360 for other participants needs be paid only upon receipt of the official invitation letter, which will be sent to the first author by mail. Registration fee includes one copy of the Proceedings, a get-together party, banquet, cultural and technical visits, and coffee breaks.

VENUE

TOMSK, one of the oldest Siberian towns, was founded in 1604 on the high upper bank of the Tom River. It is a historical city, with a present population of 620,000. Houses decorated with wooden lace, gold-plated church domes – the beauty of the streets earns for Tomsk its reputation as a historical center of Siberia. However, despite its venerable age, **Tomsk appears youthful thanks to the students and young scientists.** Nowadays, there are ten academic institutes and six universities in Tomsk. Tomsk-based experts have made a valuable contribution in the advancement of electronics, precision mechanical engineering and metal working, up-to-date building industries, and automatization production.

More about Tomsk may be learned at Web site www.tomsk.net, starina.tomsk.ru, and tomskhistory.lib.tomsk.ru where virtual excursion proposed. Discover Tomsk, a modern renaissance city where history and wooden houses meets innovation and culture!

The venue of SIBCON is Tomsk State University of Control Systems and Radioelectronics. TUSUR is the modern, dynamically developing university, one of leaders in system of Russian high education on electronics. TUSUR is included into QS World University Rankings EECA as 26 leading universities of the Russian universities.

There are 12 faculties and 34 departments in TUSUR. Training is carried out by 60 programs. There are more than 12000 BS students, MS and Ph.D students. Education-Scientific-Innovative Complex (UNIC) tusur. TUSUR design about 80% scientific and research results in Tomsk Region. More detailed information about TUSUR please find at tusur.ru

Venue address:

Tomsk State University of Control Systems and Radioelectronics (TUSUR),
Lenin Ave., 40, Tomsk, Russia

PROGRAM COMMITTEE**Chair**

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