R8 Russia (Siberia) Affinity Group
IEEE young professionals

IEEE
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Ural Federal University
named after the first President of Russia B.N.Yeltsin
Engineering School of Information Technologies, Telecommunications and Control Systems

Second Call for Papers

2023 IEEE Ural-Siberian Conference on Biomedical Engineering, Radioelectronics and Information Technology (USBEREIT)

15-17 May 2023

Yekaterinburg, Russia
Venue: Engineering School of Information Technologies, Telecommunications and Control Systems Ural Federal University

IEEE Conference Record # **58508**

On behalf of the organizing committee of USBEREIT, we sincerely invite you to join us at this constantly improving annual conference. This symposium will attract a large audience and ensure active participation. The conference will include presentations of student posters and exhibitions of industrial partners. Information coming soon on site at https://usbereit.ieeesiberia.org.

The purpose of the 2023 IEEE Ural-Siberian Conference on Biomedical Engineering, Radioelectronics and Information Technology (USBEREIT) is to bring together researchers and practitioners from multiple areas of radio science, including biomedical engineering, radioelectronics, information technology, information security and others.

The conference will host the «Young Professionals Involvement (YPI)» competition organized by IEEE R8 Russia (Siberia) Young Professionals Affinity Group. The main aim of YPI is to involve the young professional's community in the current scientific and practical problems discussion, as well as to create a modern communication platform for the ideas exchange between young professionals and scientists.

Important Dates:

Submission Deadline EXTENDED ~~01 Feb~~ 14 Feb 2023

Notification of Acceptance 31 Mar 2023

Final Submission Deadline 12 Apr 2023

Opening Session 15 May 2023

Conference Topics
- **Biomedical Engineering**
  - Devices and Instrumentation Systems for Monitoring and Diagnostics;
  - Experimental and Laboratory Equipment;
  - Processing of Biomedical Signals and Images;
  - Modeling of Biological Processes for Clinic and Laboratory Tasks;
- **Radioelectronics**
  - Antennas;
  - Electromagnetics and Materials;
  - Propagation and Scattering;
  - Wireless Communications, Sensors and Sensing Networks;
  - Microwave Devices;
- **Information Technology**
  - Data Analysis;
  - Data Engineering;
  - High-Performance Computing;
  - Machine Learning;
- **Information Security**

Author's Guidelines are available at https://usbereit.ieeesiberia.org

Please note, the papers that will not be presented at the Conference will be excluded from the USBEREIT proceedings (in accordance with the policy of IEEE Xplore "No-Shows").

One person can be author (or co-author) of no more than **three papers**.

Organization:

Engineering School of Information Technologies, Telecommunications and Control Systems of Ural Federal University named after the first President of Russia B.N.Yeltsin

IEEE sponsors:
Russia (Siberia) Section,
Russia (Siberia) Young Professionals Affinity Group
Russia (Siberia) Section EMB Chapter

Best regards,
USBEREIT Organizing Committee
E-mail: usbereit@ieeesiberia.org