



First Call for Papers

2025 IEEE Ural-Siberian Conference on Biomedical Engineering, Radioelectronics and Information Technology (USBEREIT)

12-14 May 2025

Yekaterinburg, Russia

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

On behalf of the organizing committee of USBEREIT, we sincerely invite you to join us in this constantly improving annual conference. This symposium will attract a vast audience and will ensure an active participation.

The purpose of the 2025 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.

All accepted and presented full papers will be submitted for inclusion in the [IEEE Xplore Digital Library](#).

We kindly ask you to submit your latest research results for presentation. We also invite you to participate in workshops, round tables and other online activities. If you have any suggestions, please, do not hesitate to contact the organizers.

Important Dates:

Submission Deadline 02 Feb 2025

Notification of Acceptance 31 Mar 2025

Final Submission Deadline 13 Apr 2025

Opening Session 12 May 2025

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;
 - Microelectronics;
- **Information Technology**
 - Data Analysis;
 - Data Engineering;
 - High-Performance Computing;
 - Machine Learning;
 - AI Ethics;
- **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

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