



## Second Call for Papers

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

12-13 May 2025

Yekaterinburg, Russia

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

**Conference mode: face-to-face only; remote participation not allowed!**

IEEE Conference Record # **65494**

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 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.

We kindly invite you to take part in **Special Sessions «AI for Education», «Microelectronics», «Industrial AI», and «Ethics of Intelligent Systems».**

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** ~~02-Feb~~ ~~16-Feb~~ **23 Feb 2025**

**Notification of Acceptance** **31 Mar 2025**

**Final Submission Deadline** **13 Apr 2025**

**Opening Session** **12 May 2025**

**Conference Sections**

- **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**

**Special Sections:**

- **AI for Education**
- **Microelectronics**
- **Industrial AI**
- **Ethics of Intelligent Systems**

**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.**

**"Industrial AI" Special Section is supported within the framework of the project "Mirror Laboratories" HSE University.**

**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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