



Third Call for Papers

2026 IEEE Ural-Siberian Conference on Biomedical Engineering, Radioelectronics and Information Technology (USBREIT)

14-15 May 2026

Yekaterinburg, Russia

Venue: New Campus of Ural Federal University

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

The purpose of the 2026 IEEE Ural-Siberian Conference on Biomedical Engineering, Radioelectronics and Information Technology (USBREIT) is to bring together researchers and practitioners from multiple areas of radio science, including biomedical engineering, radioelectronics, microelectronics, information technology, smart energy, information security and others.

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

Publication Opportunities

Selected high-quality papers will be eligible for Submission with no additional fee to one of the two IEEE IAS periodic journals for further review (Subjects should be related to IEEE IAS Tracks):

A) *IEEE Transactions on Industry Applications* (Q1 on the SCOPUS, Q1 on the Web of science);

B) *IEEE Industry Applications Magazine* (Q3 on the SCOPUS, Q4 on the Web of science).

More: <https://ias.ieee.org/publications/ieee-transactions-on-industryapplications/>

Important Dates:

Submission Deadline **Extended 1 Mar 2026**

Notification of Acceptance 29 Mar 2026

Final Submission Deadline 14 Apr 2026

Opening Session 14 May 2026

Conference Topics

- **Biomedical Engineering**
 - Devices and Instrumentation Systems for Monitoring and Diagnostics;
 - 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;
- **Microelectronics (at National Research University of Electronic Technology - MIET)**
 - Materials and Processes in Microelectronics;
 - Internal Circuit Design Tools and Technologies;
 - Equipment and Technologies for Microelectronics Manufacturing;
- **Machine Learning and Artificial Intelligence**
 - Deep Learning and its Applications;
 - Reinforcement Learning;
 - Big Data Analytics;
 - Perspective Machine Learning Methods, Algorithms, and Applications;
- **Industrial Artificial Intelligence**
 - Big Data Analytics in Industry;
 - Artificial Intelligence Application in Industry;
 - Digital Twins for Industrial Application;
 - Industrial Automation and Control;
- **Information Security**
 - Secure Communications, Robust Computer and Industrial Networks Design;
 - Application Security, Security Development Lifecycle Methods and Approaches;
 - Technical Methods for Attack Detection, Incident Management and Automated Response;
 - Protection of Cyber-Physical and Embedded Systems from Various Cybersecurity Threats;
 - Methods for Validation and Verification of Implemented Security Measures.
- **Smart Energy**
 - Intelligent Energy Systems and Technologies;
 - Modeling, Simulation and Analysis of Power and Energy Systems;
 - Data, Algorithms and Decision Support in Energy Systems;
- **Digital Humanities**
 - Artificial Intelligence in Education: Risks and Opportunities;
 - Ethics of Autonomous Intelligent Systems;
 - Problem of Agency in Artificial Intelligence Systems.
- **Special Session for Computer Processing of Turkic Languages "[TurkLang 2026](#)"**

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: Ural Federal University named after the First President of Russia B.N.Yeltsin Industrial AI Section is supported within "Mirror Laboratories" HSE University.

Microelectronics Section is supported within MIET 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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