



First Call for Papers

2021 IEEE Ural Symposium on Biomedical Engineering, Radioelectronics and Information Technology (USBEREIT)

13-14 May 2021

Yekaterinburg, Russia

Venue: On-line

IEEE Conference Record #51232

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 2021 IEEE Ural Symposium 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.

Unfortunately, the epidemiological situation is unstable. We cannot guarantee safety for all participants. Therefore 2021 USBEREIT will be held online. The health and safety of our participants and staff is the number one priority of IEEE.

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 professionals 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 01 Feb 2021

Notification of Acceptance 31 Mar 2021

Final Submission Deadline 12 Apr 2021

Opening Session 13 May 2021

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

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