

XXX International  
Scientific and Technical  
Conference

**RLNC  
2024**

**“Radiolocation, Navigation,  
Communication”**

**■ When**

**April 16 – 18  
2024 г.**

**■ Where**

**Russia, Voronezh,  
Universitetskaya Sq., 1  
Voronezh State University**

**Dear colleagues!**

**Voronezh State University,  
JSC «Concern «Sozvezdie» and the organizing committee  
invite you to participate in the**

**XXX International Scientific and Technical Conference  
«Radiolocation, navigation, communication» (RLNC\*2024).**

**The conference will be held on April 16 – 18, 2024 in the city of Voronezh.**

**The main purpose of the conference** is organizing the interaction of scientific and technical teams for the exchange of experience and new creative successes. The achievement of this goal also contributes to the introduction of promising developments that are of practical importance for the further development of industry, economics and scientific and technical potential of Russia, as well as the development of the creative potential of talented youth and its attraction to the solution of the most urgent production, technical and scientific tasks.

Within the framework of the conference, the following **sections** are envisaged:

**Section 1. General problems of information transmission and processing.**

**Digital signal processing.**

**Section 2. Recognition and processing of images.**

**Section 3. Communication and data transmission systems. Mobile connection.**

**Satellite communication systems and information transfer.**

**Section 4. Thermal, laser-optical systems of observation and communication.**

**Section 5. Radar. Radar systems with synthesized aperture. Aerospace radio electronic systems.**

**Section 6. Navigation. Positioning. Marine location and navigation.**

**Hydroacoustics. Guidance systems.**

**Section 7. Ultra-wideband radio electronic systems. The theory of fractals.**

**Section 8. Electrodynamics, propagation of radio waves, antennas. Digital antenna arrays and MIMO technology.**

**Section 9. Interference. Electromagnetic compatibility. Radio and optoelectronic reconnaissance and suppression.**

**Section 10. Radio engineering devices. Automated measuring systems. Electronics. Microwave technology.**

**Section 11. Radiotechnical monitoring of the Earth.**

**Section 12. Intelligent control and communication systems. Cognitive radio.**

## **Submission of materials for participation**

**Participation in the conference is free of charge.**

**We will be glad to consider your original, previously published works on the conference topics.**

Those wishing to participate in the conference must submit papers to the organizing committee by the conference's website <https://rlnc.ru>. Appearance of papers should be in accordance with requirements, which are published on the site. Languages of the conference are Russian and English.

### **Important dates**

**February 1, 2024** – the beginning of registration of authors on the conference's website.

**February 1, 2024 – March 10, 2024** – reception of reports on the conference's website.

**March 10, 2024** – the end of registration of authors.

**April 1 – 10, 2024** – registration of participants on the conference's website.

**April 16, 2024** – opening of the conference, plenary reports.

**April 16 – 17, 2024** – the work of the scientific sections of the conference.

**April 18, 2024** – conference closing.

### **Publication of materials in the collection**

All papers will be published in the conference proceedings and indexed in the RSCI. The best reports will be recommended for publication as detailed articles in scientific and technical journal «Theory and technology of radio communication» included in the list of HAC of the Russian Federation (full-time participation in the conference is required for the publication of the article in the HAC list). The conference proceedings will be available on the conference website after the conference.

### **Accommodation of participants from other cities**

For nonresident participants of the conference, rooms booking, payment for accommodation in hotels and meals is done independently.

# Organizing committee



*Honorary Chairman of the Organizing Committee*

## **Borisov V. I.**

Scientific adviser of  
JSC «Concern «Sozvezdie»,  
Corresponding Member of Russian  
Academy of Sciences,  
Doctor of Technical Sciences, Professor



*Chairman of the Organizing Committee*


## **Artemov M. L.**


The Chief Designer of  
JSC «Concern «Sozvezdie»,  
Doctor of Technical Sciences

## **Contacts**

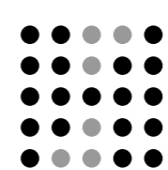
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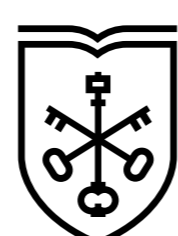
## **Partners**



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