

Dear colleagues!

Scientists, industry specialists, teachers, research associates and university students are welcome to participate in the conference "Modern problems of radio electronics".

Plenary sessions with the invited and survey talks lasting 20-30 min. as well as workshops are planned for the conference.

Participants will be provided with technical means for presenting a report: computers, multimedia projectors. Working languages: Russian (workshops 1-8), English (workshop 9).

### Deadlines

By April 15, 2022, register on the conference's website <http://conf.sfu-kras.ru/radioconf2022/>, specifying the authors and the title of the report, attach the text REPORT. The name of the submitted files should include the number of the workshop as well as the author's name according to the following template: "s3\_Petrov."

By April 25, 2022 – pay the organizing fee and send to the e-mail address of the conference (radioconf-2020@sfu-kras.ru) a scanned copy of the RECEIPT confirming the organizing fee payment as soon as receive information on acceptance the report in the conference program.

By May 1, 2022 – send the text of the report in the form of a hard copy (1 copies), signed by the author (authors) by mail to the address of the Organizing Committee (660074, Russia, Krasnoyarsk, Kirenskogo Street, 28, office B 417, MPR conference).

### On the Conference Proceedings

According to the conference results, the conference proceedings are planned to have been published online. The conference proceedings are assigned to ISBN. The conference proceedings will be registered in the scientific database of the RISC (Russian Index of Scientific Citation). At the end of the conference, the proceedings will be available **free on the Institute of Engineering Physics and Radioelectronics website**.

The best reports according to the Organizing Committee decision will be recommended for publication as scientific articles in journals "Journal SFU. Engineering and Technology", published by SFU, and "Spacecraft and Technologies", published by JSC Information Satellite Systems named after acad. Reshetnyev.

### Guidelines for authors

#### to be published in the conference proceedings

1. **Length of papers.** The papers accepted for publication should contain 3–5 (preferably full) pages of the A4 format. Right and left margins are 2,5 cm; top and bottom ones are 2,8 cm. The text is submitted in Russian (except for section 9).

2. **Structuring the papers.** The main text should be preceded with the title of the manuscript (use 12 pt Times New Roman font, CAPITAL, **bold**). The authors initials and surnames are placed below the title in the centre of the page. The affiliated organizations, including name and address, are to be listed directly below the names of the authors in the centre of the page (use 9 pt font, *italics*). Email addresses should start on a new line directly under the corresponding affiliation. Abstract follows email in a line and contains 3-7 lines (use 9 pt font). The main text follows below in a line. References are listed after the main text in a line. The example of the paper structure is given below.

MICROSTRIP RING ON RING-SHAPED RESONATOR
J. P. Smith
<i>Institute of Engineering Physics and Radioelectronics SibFU</i> 660074, Krasnoyarsk, Kirenskogo St., 28 E-mail: Alvanov@sfu-kras.ru
Abstract Abstract Abstract Abstract Abstract Abstract
Main text, Main text, Main text, Main text, Main text, Main text.
References (if required)
1. Directive 2004/108/EC relating to electromagnetic compatibility and repealing Directive 89/336/EEC OJ L 390 of 31 December 2014.

3. **Main text, formulae and tables.** Please use MS Office 2007 or later; 12 pt Times New Roman font, 1 cm paragraph indentation; single line spacing, regular letter and word spacing.

Use the MS Word format for tables and figures. The *png*, *bmp*, *wmf*, *jpg*, *gif* or *vsd* formats are recommended for figures and tables inside the text. Text wrapping is not allowed. The application of the active embedded objects from *MathCAD*, *Excel* etc. is not allowed.

Captions are set in 10 pt font. Use the Microsoft Equation Editor to create formulae.

Number the tables sequentially.

References should be specified in square brackets, but references to formulae are in parentheses.

Papers will be reviewed by the Organizing Committee, for the technical merit and content. Only original, unpublished contributions will be considered for the inclusion to the Program and the Proceedings of a conference.

**It is recommended:** the number of authors for one article should not exceed five.

The Organizing Committee reserves the right to refuse publication of the materials which are submitted with violation of requirements, delivery terms or don't correspond to the scope of a conference.

### Key dates

**April 15, 2022** – registration and dispatch of materials electronically.

**April 25, 2022** - payment of the organizing fee and submission of the receipt.

**May 1, 2022** - mail original materials.

**May 11, 2020** - arrival of non-resident participants.

**May 12-13, 2022** - conference working days.

**May 14, 2022** - departure of non-resident participants.

### Program committee

**Chairman:** R. G. Galeev — Dr. Tech. Sci., General Director of JSC «NPP „Radiosvyaz“» (Krasnoyarsk).

**Co-chairmen:** A.V. Grebennikov — Dr. Tech. Sci., Assoc. Prof., Head of the Department of Radioelectronic Engineering of Information Systems, SibFU; Prof. of the Department of Special Radioengineering Systems SibFU; Head of the Sector of JSC «NPP „Radiosvyaz“» (Krasnoyarsk).

A.M. Sergantov – Dr. Tech. Sci., Prof. Department of Radioengineering, Institute of Engineering Physics and Radioelectronics, SibFU; Senior Researcher, Institute of Physics of the Siberian Branch of the RAS (Krasnoyarsk)

#### Members of the Program Committee:

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(Krasnoyarsk); I.B. Vlasov – Prof. of the Department of Radioelectronic Systems and Devices, Moscow State Technical University, Dr. Tech. Sci., Prof., (Moscow). A. G. Vostretsov — vice-rector for scientific work, Prof., Dr. Tech. Sci., NSTU (Novosibirsk);

### Organizing Committee

**Chairman:** A.V. Minakov — Director of the Institute of Engineering Physics and Radioelectronics, SibFU, Cand. Phys.-Math. Sci.

**Vice-chairman:** A.V. Grebennikov — Head of the Department of Radioelectronic Engineering of Information Systems, Institute of Engineering Physics and Radioelectronics, SibFU, Dr. Tech. Sci., Assoc. Prof.

**Scientific secretary:** F.V. Zander – Head of the Department of Radioelectronic Systems, Institute of Engineering Physics and Radioelectronics, SibFU, Cand. Tech. Sci., Assoc. Prof.

### Contacts of the Conference Organizing Committee

660074, Russia, Krasnoyarsk, Kirenskogo Street, 28, office B 417, MPR conference.

**phone:** (391) 2497752, 8-902-945-15-00

**e-mail:** radioconf@sfu-kras.ru.

### Organization Fee

The organizational fee for the acceptance of the report in the conference program and its publication in the conference proceedings for students (all authors) is 300 roubles per report, for the rest of the participants - 600 roubles per report.

**Attention!** The payment of the organizing fee is made only after confirming the acceptance the report in the conference program.

Food, accommodation and transportation are paid by participants.

### Institute of Engineering Physics and Radioelectronics Siberian Federal University (SibFU)

#### supported by

Ministry of Digital Development  
of the Krasnoyarsk Territory  
JSC «NPP „Radiosvyaz“»

JSC «„Information Satellite Systems  
named after acad. M. F. Reshetnev«  
LLC «Satellite Communication»  
LLC «Radiotechnical Systems»

Regional State Autonomous Institution  
«Krasnoyarsk Regional Fund of Support of Scientific and  
Scientific-technical Activities»

#### holds

### XXIII All-Russian Scientific and Technical Conference with International Participation

#### «MODERN PROBLEMS OF RADIO ELECTRONICS»

**Dedicated to the 127-th Anniversary RADIO DAY  
May 11-14, 2022  
Krasnoyarsk**

#### Topics (Workshops)

1. Radioelectronic Means of Navigation and Communication.
2. Radar Systems.
3. Information Satellite Systems and Technologies.
4. Microwave Technologies, Antennas and Devices.
5. Electronics and Nanoelectronics.
6. Design and Technology of Electronic Means.
7. Telecommunications and Intelligent Networks.
8. Functional Materials of Micro- and Nanoelectronics.
9. Advanced Trends in Radioelectronics, Telecommunication and Engineering.
10. Scientific Work of Schoolchildren in the Field of Radioelectronics (School within the Framework of the Conference).