



XXVI RUSSIAN OPEN CONFERENCE “RADIO WAVES PROPAGATION” (RWP’2019)

July 1–6, 2019, Kazan, Russia

Dear Colleagues and Friends!

On behalf of the RWP’2019 Program Committee it gives me great pleasure to invite you to RWP’2019, to be held in the Kazan city.

Kazan is the capital and largest city of the Republic of Tatarstan, Russia. With a population more than 1.200.000 people it is the sixth most populous city in Russia. Kazan is one of the largest religious, economic, political, scientific, educational, cultural and sports centers in Russia. Kazan lies at the confluence of the Volga and Kazanka Rivers in European Russia, about 715 kilometers (444 mi) east from Moscow. The Kazan Kremlin is a World Heritage Site.

At the beginning of the 19th century Kazan Federal University and printing press were founded by Alexander I. It became an important center for Oriental Studies in Russia. The Qur'an was first printed in Kazan in 1801. Kazan Federal University (founded in 1804) is third oldest university in Russia after Saint Petersburg State University (1724) and Moscow State University (1755). Now there are 44 institutes of higher education in Kazan. More than 140,000 students are educated in the city.

Kazan is a major scientific center in Russia. Kazan formed a big number of scientific areas and schools (mathematical, chemical, medical, linguistic, geological, geobotanical, etc.). Scientific discoveries are a subject of special pride, including: the creation of non-Euclidean geometry (Nikolai Lobachevsky), the discovery of the chemical element ruthenium (Karl Ernst Claus), the theory about the structure of organic compounds (Aleksandr Butlerov), the discovery of the electron paramagnetic resonance (Yevgeny Zavoisky) and acoustic paramagnetic resonance (Semen Altshuler) and many others.

The conference would take place at the Institute of Physics of the Kazan Federal University.

The main areas (sections) of the conference:

- Section 1.** Wave propagation and remote sensing of the upper atmosphere and space.
- Section 2.** Propagation of radio waves of meter - sub-millimeter bands in the troposphere and urbanized environments.
- Section 3.** Propagation of the optic waves in atmosphere and laser sounding of nature environment.
- Section 4.** Propagation of kilometer and more long waves.
- Section 5.** Wave propagation and non-linear effects in ionosphere, dedicated to the memory of prof. A.M. Nasyrov.
- Section 6.** Physical problems of radar, navigation and telecommunication.
- Section 7.** Remote sensing of atmosphere and Earth surface, radio meteorology.
- Section 8.** Math modeling of electrodynamics and wave propagation problems.
- Section 9.** Nonlinear wave structures in complex continuous media including atmosphere, hydrosphere and space plasma
- Section 10.** Problems of atmospheric electricity.

Conference organizers:

Scientific Council “Radio Wave Propagation” of RAS,
Kazan Federal University,
Kotel’nikov Institute of Radio Engineering and Electronics of RAS (Moscow),
Moscow Institute of Physics and Technology (State University),
Russian New University (Moscow).

By collaboration and support:

Russian Academy of Sciences (RAS),
Tatarstan Academy of Sciences,
Ministry of Education and Sciences of the Russian Federation,
Russian Foundation for Basic Research,
Russian National Committee of URSI,
Russian Branch of IEEE,
Joint Physical Society of the Russian Federation.

Program Committee:

Chairman:

Prof. D. S. Lukin, Head of RAS Scientific Council “Radio Wave Propagation”, Moscow.

Co-chairman:

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Scientific secretary:

Dr. D. V. Rastyagaev, RAS Scientific Council “Radio Wave Propagation”, Moscow

Committee members:

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16. RAS Corr. member D. V. Ivanov, Yoshkar-Ola, Russia.
17. Prof. V. I. Klassen, Chistopol, Russia.
18. Dr. S. A. Kolesnik, Tomsk, Russia.
19. Prof. A. V. Kudrin, Nizhni Novgorod, Russia.
20. Prof. V. D. Kuznetsov, Troitsk, Russia.
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26. RAS Corr. member V. L. Mironov, Krasnoyarsk, Russia.
27. Prof. E. A. Palkin, Moscow, Russia.
28. Prof. V. A. Permyakov, Moscow, Russia.
29. RAS Corr. member A. P. Potekhin, , Irkutsk, Russia.
30. Prof. Yu. Ya. Ruzhin, Troitsk, Russia.
31. Dr. V. M. Smirnov, Fryazino, Russia.
32. Prof. E. D. Tereshenko, Murmansk, Russia.
33. Dr. V. L. Frolov, Nizhni Novgorod, Russia.
34. Prof. Yu. N. Cherkashin, Troitsk, Russia.
35. Dr. N. P. Chubinsky, Dolgoprudny, Russia.
36. Dr. B. M. Shevtsov, Petropavlovsk-Kamchatsky, Russia.
37. Prof. E. I. Shustov, Moscow, Russia.
38. Prof. G. G. Shchukin, St.-Petersburg, Russia.

Registration and paper submission start since **September 1, 2018**, on the website <http://vkrr2019.kpfu.ru>

Deadline for application: **March 29, 2016**.

Instruction for authors and the **template** will be at the conference site <http://vkrr2019.kpfu.ru>. Papers – 4 pages A4. Papers for plenary sessions – 8 pages. All papers presented for the conference will be reviewed. The Program Committee can not accept the papers that don't fit the conference subject or don't have new scientific results as well as the papers formed not according to regulations

The language of the conference – Russian, people from abroad can present papers in English. Presentations at the meetings would be translated into English.

Publications. Papers included in the conference program would be published (CD-ROM) before the conference opening if at least one of the authors paid the registration fee (before **1 May 2019**). Responsibility for the published material correctness is on the authors. Paper variant of publications could be provided for additional money on the condition of the preliminary order.

Registration fee for participants from Russia and CIS is 3500 rubles, 1500 rubles for students and post graduates, 300 US\$ for scientists from abroad. The fee includes conference meetings, coffee-breaks, stand-up meal, folder, excursions and publications on CD-ROM. Contributory scheme will be on the conference site.

Important Dates

1. Application for conference participation and paper submission – from **September 1, 2018**, to **March 29, 2019**.
2. Notification of acceptance – **April 20, 2019**.
3. Payment of registration fee – **May 1, 2019**.
4. Program distribution – **May 20, 2016**.

The Organizing Committee kindly invites you and your colleagues to participate in the work of the Conference!