

RSEMW-2019

International Scientific Conference

**2019 RADIATION AND SCATTERING OF ELECTROMAGNETIC WAVES RSEMW
24-28 June 2019, Divnomorskoe, Krasnodar Region, Russia**

RSEMW-2019 has been writing its history since 1999 and traditionally takes place on the Gelendzhik Bay of the Black Sea, Russia. The aim of the conference is to discuss the latest achievements and developments in the sphere of electromagnetic wave propagation and scattering, to present the results of the theoretical investigation and practical application covering the area of electromagnetism, radio waves, propagation and antennas, and to share ideas about the future investigation into the area of microwaves, antennas and radiation and scattering of electromagnetic waves.

TOPICS OF THE CONFERENCE

- electrodynamic theory of antenna systems;
- antenna synthesis;
- theory, constructions, and technologies of antennas and antenna arrays;
- feeder devices;
- systems for computer-aided-design of antennas and antenna-feeder devices;
- antenna and feeder measurements;
- electrodynamics of nonlinear structures;
- radar absorbing materials and coverings;
- controlled coverings;
- nonstationary electromagnetic fields and signals;
- spatial-temporal signal and field processing methods in radiolocation and telecommunication;
- program and hardware facilities for signal processing;
- information security by means of applied electrodynamics;
- electromagnetic compatibility;
- solid-state microelectronics for ultra-high and extremely high frequencies;
- radio waves in ionosphere.

CONFERENCE VENUE

The Conference will take place in a beautiful city of Gelendzhik on the Black Sea Shore. Clear blue lagoon in the Gelendzhik Bay that is surrounded with picturesque mountains of Markotkh Range create unique atmosphere for both productive work and pleasant leisure.

ORGANIZERS & SUPPORTERS

Proceedings of the Conference RSEMW-2019 will be published at **IEEE Xplore Digital Library**.



IMPORTANT INFORMATION

One author can submit no more than 2 papers. Application form and papers in English (4 full pages according to the template) should be submitted to the e-mail rsemw2019@gmail.com before **15th of April 2019**.

Acceptance notification date: 13th of May 2019.

The official working language of the conference is English.

RSEMW-2019 is looking for sponsors. Questions can be addressed to the Organizing Committee.

Contact Information:

Official website
<http://rsemw.sfedu.ru>

Organizing Committee
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For other information

