



TSU, Radiophysics department «Actual problems of radiophysics»

FIRST ANNOUNCEMENT

The 4th International Conference ACTUAL PROBLEMS OF RADIOPHYSICS "APR 2012" October 1 – 7, 2012, Tomsk, Russia

The 4th International Conference «Actual Problems of Radiophysics» (APR 2012), will be held on October, 1st – 7th, 2012, in Tomsk, Russia. During the conference an excursion to Siberian Branch of Russian Academy of Sciences will be organized.

Goals and objectives:

The aim of the conference is to provide opportunities to bring together practitioners and researchers in the field of radiophysics and its applications. Round table talks will be arranged.

APR 2012 Topics:

- Interaction of radio waves with inhomogeneous media and objects.
- Radio tomography and ultrawideband sounding.
- Metamaterials, magnetic materials and nanotechnology in radiophysics and electronics.
- Methods and devices for measuring the electromagnetic properties of materials at GHz and THz.
- Materials and devices of micro-, opto- and nanoelectronics.
- Semiconductor detectors and sensors.
- Laser and opto-electronic systems.
- Computer optics, digital holography, image processing.
- Quantum electronics, photonics and nonlinear optics.
- Materials and devices nanophotonics.
- Nonlinear dynamics, synergetics and fractal geometry in radiophysics and optics.
- Information technologies for the studying complex systems.
- Physics of the magnetosphere, ionosphere and upper atmosphere.
- Solar-terrestrial physics and physical environment.
- Modern teaching in radiophysics and radio engineering.
- Interaction of electromagnetic radiation with substance.

Program Committee:

Co-Chairs:

Acad. V. Bouznik (Moscow, Academy of Sciences, Russia).
Prof. G. Dunaevsky (Tomsk, Tomsk State University, Russia).
Dr. V. Dyomin (Tomsk, Tomsk State University, Russia).

Members:

Corr. Member, Prof. M. Kabanov (Tomsk, Siberian Branch of Russian Academy of Sciences, Russia).
Corr. Member, Prof. V. Mironov (Krasnoyarsk, Siberian Branch of Russian Academy of Sciences, Russia).
Acad. A. Rogalsky (Warsaw, Polish Academy of Sciences, Poland).
Corr. Member, Prof. A. Ivanov (Minsk, National Academy of Sciences of Belarus, (Belarus)).
Dr. I. Izhnin (Lviv, SPA «Karat» Ukraine).
Prof. B. Kapilevich (Ariel, Ariel University Center of Samaria, Israel).
Prof. A. Voitkovsky (Tomsk, Tomsk State University, Russia).
Prof. V. Germogenov (Tomsk, Tomsk State University, Russia).
Prof. N. Yevtushenko (Tomsk, Tomsk State University, Russia).
Prof. I. Samokhvalov (Tomsk, Tomsk State University, Russia).
Prof. V. Yakubov (Tomsk, Tomsk State University, Russia).
Prof. B. Belyaev (Krasnoyarsk, Siberian Branch of Russian Academy of Sciences, Russia).
Prof. A. Zemlyanov (Tomsk, Siberian Branch of Russian Academy of Sciences, Russia).
Prof. I. Ivonin (Tomsk, Tomsk State University, Russia).
Prof. V. Kozintsev (Moscow, The Bauman Moscow State Technical University, Russia).
Prof. V. Krutikov (Tomsk, Siberian Branch of Russian Academy of Sciences, Russia).

Prof. G. Matvienko (Tomsk, Siberian Branch of Russian Academy of Sciences, Russia).
 Prof. O. Pchelyakov (Novosibirsk, Siberian Branch of Russian Academy of Sciences, Russia).
 Prof. V. Sredin (Moscow, Military academy of strategic rocket forces, Russia).
 Prof. V. Stafeev (Moscow, FSUC SPA «Orion», Russia).
 Prof. O. Tolbanov (Tomsk, Tomsk State University, Russia).
 Dr. S. Kolesnik (Tomsk, Tomsk State University, Russia).

Working languages: Russian and English

Submission policy: Papers should be submitted in Russian or English.

Extended summary up to 2 pages will be published in the Conference Proceedings before the conference. Selected papers up to 5 pages including bibliography will be published in Russian Physics Journal after reviewing. Selected papers up to 5 pages including bibliography will be submitted to publication in R.P.J. after reviewing. We kindly ask the authors to provide us with materials for both issues. The extended abstract must be attached. Abstract and a list of keywords should be included as well as names and affiliations of all authors facilitating the assignment of papers to referee.

Important dates:

- **April 3, 2012** – Submission deadline.
- **April 15, 2012** – Notification of acceptance.
- **May 15, 2012** – Extended summary submission deadline.
- **June 15, 2012** – Request of demonstration tools.

Authors are encouraged to submit their papers electronically.

Registration form

Name of reporter, his/her position, academic rank, academic degree	
Names of co-authors, their positions, academic ranks, academic degrees	
Country, town (for all authors)	
Organization (for all authors)	
E-mail address for contact	
Phone for contact	
Postal address	
Participation form (oral or poster)	
The title of the paper, authors names	
Abstract	
Conference topic	
Your proposals and regards	

Electronic submission, should be sent to: apr@mail.tsu.ru

Web-site of Conference: <http://apr.rff.tsu.ru>

Further information:

Olga Dotsenko
 Department of Radiophysics
 Tomsk State University
 36 Lenin Ave.,
 Tomsk, Russia.
 634050
 E-mail: apr@mail.tsu.ru