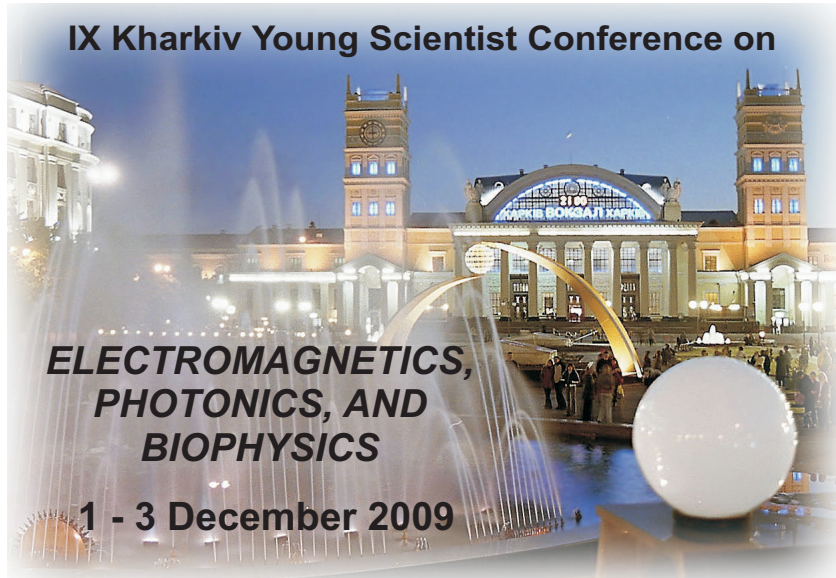


IX Kharkiv Young Scientist Conference on

ELECTROMAGNETICS, PHOTONICS, AND BIOPHYSICS

1 - 3 December 2009



Important dates

Deadline for on-line registration
and abstract submission
11 October 2009

Paper acceptance notification
8 November 2009

Conference dates
1 - 3 December 2009

Venue: Usikov Institute of Radiophysics and Electronics
National Academy of Sciences of Ukraine (IRE NASU)

Organizers:

Scientific Council of IRE NASU

Young Scientist Council of IRE NASU

in collaboration with

IEEE AP/MTT/ED/AES/GRS/NPS/EMB Societies East Ukraine Joint Chapter

IEEE Student Branch "IRE Kharkiv"

IEEE MTT-S Student Chapter "IRE-Kharkiv-MTT"

OSA Kharkov Local Section

OSA/SPIE Joint Student Chapter of IRE NASU

OSA/SPIE/LEOS Student Chapter of Kharkiv National University of Radioelectronics

OSA/SPIE Joint Student Chapter of Kharkiv National University

Contacts

IRE NAS of Ukraine
12 Ac. Proskura Str.
Kharkiv, 61085, Ukraine
fax: +38 057 315 21 05
www.ysc.org.ua

Pavel Vyplavin
tel.: +38 050 302 97 87
ireysc2009@gmail.com

Chairs

Dr. Artem Boriskin
Mikhail Khodzitsky
Alexey Kuleshov

Programme Chairs

Dr. Oksana Shramkova
Dr. Olga Kostilyova

Secretariat

Pavel Vyplavin
Ganna Kharchenko

The Conference program covers a wide area of research in radiophysics and electronics that includes but is not limited to:

- **Microwave and terahertz electronics** (mw and THz generation, plasma interactions, etc.);
- **Geoscience and remote sensing** (radars, radiowave propagation, etc.);
- **Solid-state radiophysics** (nano- and metamaterials, solid-state plasma, electromagnetic wave propagation and interaction, etc.);
- **Computational and experimental electromagnetics** (antennas, mw-circuits, etc.);
- **Biophysics** (molecular, cells, and complex systems);
- **Optics and photonics** (photonic crystals, optic devices and measurements, nonlinear optics, etc.).

Conference sessions will include oral and poster presentations of the participants and review talks on the conference topics given by the leading scientists.

We welcome contributions from graduate students, post-graduates, and young scientists under 35 years old working in any of the forementioned or related fields. Working languages of the Conference are Ukrainian, Russian, and English. Papers should be submitted by uploading a 1-page doc-file to the conference website (www.ysc.org.ua).

Submission Deadline: 11 October 2009

In the frame of the Conference the **IV Young Researchers Career Development Workshop** (YRCDW-09) "Bridging the gap between education and career in electromagnetics and photonics" will be organized.

The **Best Paper Contest** will be held during the Conference. Papers will be evaluated by the originality, novelty practical importance, degree of personal contribution, and level of presentation.

Foreign participants: no visa to enter Ukraine is required for participants from the FSU, EU, USA, UK, and Japan. Visitors from the other countries have to contact the Ukrainian embassy for the information. The invitation letters will be sent by request. Assistance with accommodation and transport will also be provided.

Financial support: limited numbers of travel grants will be provided for authors of accepted papers.

Conference home page: www.ysc.org.ua