

4 - 7 December, 2012



# XII Kharkiv Young Scientists Conference on RADIOPHYSICS, ELECTRONICS, PHOTONICS AND BIOPHYSICS

## Important dates:

Deadline for on-line registration  
and abstract submission

30 September 2012

Paper acceptance notification

31 October 2012

Conference dates

4 - 7 December 2012

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

## ORGANIZERS:

*Scientific Council of IRE NASU*

*Young Scientists Council of IRE NASU*

## In collaboration with

*IEEE AP/MTT/ED/AES/GRS/NPS/EMB Societies East Ukraine Joint Chapter  
IEEE MTT-S, ED-S, AP-S, PHO-S, SSC-S, MAG-S*

*IRE Kharkiv Student Branch Chapters*

*OSA Kharkov Local Section*

*OSA/SPIE Joint Student Chapter of IRE NASU*

*IPMash OSA Student Chapter*

## Contacts:

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<http://www.ysc.org.ua>

## Chairmen

Maxim Khruslov  
Mikhail Balaban

## Programme Chairmen

Dr. Pavel Vyplavin  
Dr. Pavel Krasov

## Secretariat

Evgeniya Minakova  
Oksana Balaban

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

- **Microwave and Thz electronics** (microwave generation and plasma interactions)
- **Radars, wave propagation and remote sensing**
- **Solid-state radiophysics** (nano- and metamaterials, solid-state plasma)
- **Computational and experimental electromagnetics** (antennas, mw-circuits)
- **Biophysics** (molecular, cell and organs complex systems)
- **Optics and photonics** (photonic crystals, lasers, nonlinear optics, optic devices and measurements)
- **Radio Astronomy and Astrophysics** (radio emission, spectral lines, pulsars and relict radiation, radio telescopes, interferometers, etc.)

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

We welcome contribution from graduate student, post-graduates and young scientists under 35 years old working in any of the above-mentioned 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 (<http://www.ysc.org.ua>). Authors are requested to use the template when preparing their submission.

## Submission Deadline - 30 September 2012

The **Best Young Scientist Presentation Competition** 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 UA is required for citizens of 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 upon request. Assistance with accommodation and transport will also be provided.

**Financial support:** limited travel grants will be provided.

<http://www.ysc.org.ua>