



# VI Kharkiv Young Scientists Conference “RADIO PHYSICS AND MICROWAVE ELECTRONICS”



## Venue and conference dates

Institute for Radiophysics and Electronics (IRE) of the  
National Academy of Sciences of Ukraine (NASU), Kharkiv, Ukraine

**December 13 – 14, 2006**

## Organizers

Young Scientists Council of IRE NASU

## Technical support

Scientific Council of IRE NASU  
Scientific Council of NASU on Radio-Physics and Microwave Electronics  
IEEE AP/MTT/ED/AES/GRS/NPS/EMB Societies East Ukraine Joint Chapter

## Conference topics

**Scientific program** of the conference includes oral and poster presentations on the following topics:

- ♦ *Plasmas and microwave electronics*
- ♦ *Radars and wave propagation*
- ♦ *Remote sensing*
- ♦ *Radio physics of solid state*
- ♦ *Computational electromagnetics*
- ♦ *Biophysics*

As well as invited review talks by leading scientists on the conference topics.

**Official languages** of the conference are Ukrainian, English and Russian.

**Duration of talks:** invited talk – 30 min, oral talks – 15 min.

For **posters** a space equivalent to A0-format will be allocated.

Complete articles of given presentations can be submitted for publication to national technical journal «Radio-Physics and Electronics».

## Important dates

- 3 November 2006** – Deadline for submission to the address [ysc@ire.kharkov.ua](mailto:ysc@ire.kharkov.ua) of an electronic version (\*.doc) of abstract in Ukrainian, English or Russian (about one-half of A4 page, Times New Roman, 12pt), which must include the paper title, author's name, affiliation and an e-mail address.
- 17 November 2006** – Technical Program committee decision on acceptance of a talk and the preliminary program of the conference.
- 13-14 December 2006** – Conference dates.

*Additional information and samples of abstracts and the complete articles are available at the conference web site.*

### Best work competition

In the framework of the conference **a competition for the best works** will be held in each session.

### Evaluation criteria

Originality, novelty, degree of personal contribution, presentation and understanding of the work's practical importance.

Complete articles of **the best presentations** by the decision of the award committee will be published in the national technical journal **Proceedings of IRE «Radio-Physics and Electronics»**.

## Additional information

We welcome contributions from graduate students, post-graduates and young scientists under 35 years old working in any of the above-mentioned or related fields.

The conference fee of 70 Euro, payable at registration, includes the conference program and digest of abstracts, a CD-ROM of conference papers, participation in the competition for the best work and the social program.

The social program of the conference will include banquet, a bus city-tour, visits to the Observatory of the Kharkiv National University and the museum of IRE NASU (social program is a subject to be modified).

**Foreign participants:** no visa is required for participant from the FSU, EU, USA, UK and Japan. Visitors from other countries have to contact the Ukrainian Embassy for the information. The invitation letters will be sent by request. Assistance with hotel accommodations and transportation will also be provided.

## Addresses

### IRE NASU

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[www.ire.kharkov.ua/ysc/conf/2006/conf2006.html](http://www.ire.kharkov.ua/ysc/conf/2006/conf2006.html)

## Contact Information

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### Preliminary Schedule of YSC-2006

		Conference hall	Council room
Wednesday 13.12. 2006	8:45 – 9:20	Registration	
	9:30 – 9:45	Opening Ceremony	
	9:45 – 11:15	Plenary Session – 1	
	11:15 – 11:45	Poster Session /	Coffee break
	11:45 – 13:30	Oral Session – 1	Oral Session – 2
	13:30 – 15:00	Break for lunch and accommodation	
	15:00 – 16:30	Oral Session – 3	Oral Session – 4
	16:30 – 17:00	Poster Session /	Coffee break
	17:00 – 18:30	Oral Session – 5	Oral Session – 6
	19:00 – 21:00	Bus City Tour /	Visit to the Observatory of Kharkiv Nat. Univ.
Thursday 14.12. 2006	9:00 – 10:30	Oral Session – 7	Oral Session – 8
	10:30 – 11:00	Poster Session /	Coffee break
	11:00 – 12:30	Oral Session – 9	Oral Session – 10
	12:30 – 13:30	Break for lunch	
	13:30 – 15:30	Oral Session – 11	Oral Session – 12
	15:30 – 16:00	Coffee break	
	16:00 – 17:00	Plenary Session – 2	
	17:00 – 17:30	Awards and Closing Ceremony	
18:00 – 21:00		Banquet	