

4 April 2009

Kyiv

Second Workshop on Radiopure Scintillators for EURECA (RPSCINT 2009)

22nd - 23rd September 2009

Institute for Nuclear Research, Kyiv, Ukraine

<http://lpd.kinr.kiev.ua/rps09/>

1st Announcement

Dear Colleagues,

The first Workshop on Radiopure Scintillators for EURECA (RPSCINT 2008) took place in Kyiv 9th - 10th September 2008. The idea was to bring together physicists, chemists, crystal scintillator experts and producers to discuss different aspects of radiopure scintillator developments, measurements and applications (see <http://lpd.kinr.kiev.ua/rps08/>).

We propose to organize a second workshop, again in Kyiv on 22nd and 23rd September 2009 to discuss our achievements, new ideas and results in view of radiopure scintillation materials.

We propose to discuss the following topics:

- radiopure scintillators in nuclear and astroparticle physics;
- requirements of low-count rate experiments regarding radiopurity and scintillation properties;
- selection and screening of input materials;
- purification of materials;
- preparation of raw compounds;
- crystal growing, annealing and handling;
- test of crystals including low-background and low-temperature measurements;
- search for and development of new scintillating materials.

The workshop will be held at the Institute for Nuclear Research in Kyiv (KINR).

Wi-Fi connection will be organized at the workshop location.

Accommodation will be provided in hotels in the city centre of Kyiv

(for example: Khreschatik Hotel, <http://www.khreschatik.kiev.ua/>;

Hotel Ukraina, <http://www.ukraine-hotel.kiev.ua/>;

Kozatsky Hotel, <http://www.hotels-kyiv.com/kozatsky-price.htm>, etc).

Less expensive accommodation can be organized on request in the Institute of Continuing Education (ICE) of the Taras Shevchenko National University of Kyiv.

Transportation will be organized from the Boryspil (Kyiv) airport to the hotel and back, and also from the hotel in the city centre of Kyiv to the KINR and back.

The workshop dinner is planned for Tuesday evening (22nd September).

The workshop fee (75 euro, to be paid cash on arrival to KINR) includes transportation from/to airport and from/to the workshop site, coffee breaks, lunch for two days (22nd and 23rd September), and the workshop dinner.

For participants arriving in Kyiv at the railway station the conference fee is reduced to 55 euro.

A visa to enter Ukraine is not required for citizens of Russia, Belarus, Europe, USA, Japan and Canada.

If you are interested in participating, please send a short email to:
rpscint09@kinr.kiev.ua.

An early answer is appreciated as this allows more precise planning.

Those wishing to receive further information may also contact the RPSCINT 2009 Secretariat
(rpscint09@kinr.kiev.ua).

International Scientific Committee:

F.A. Danevich, Institute for Nuclear Research, Kiev, Ukraine
B.V. Grinyov, Institute for scintillation materials, Kharkov, Ukraine
H. Kraus, University of Oxford, UK
P. de Marcillac, CNRS-IAS, Orsay, France
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S. Pirro, INFN - Sezione di Milano Bicocca, Italy
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Organizing Committee:

Fedor Danevich (chair)
Vladimir Tretyak (co-chair)
Andrew Nikolaiko (co-chair)
Vladislav Kobychiev
Valentyna Kudovbenko (secretary)

Kindest regards,
Fedor Danevich, on behalf of organizing committee

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