

20 February 2013  
Kyiv

International Workshop on Radiopure Scintillators (RPSCINT 2013)  
September 17 – 20, 2013  
National Academy of Sciences of Ukraine  
Institute for Nuclear Research, Kyiv, Ukraine  
<http://lpd.kinr.kiev.ua/rps13/>

1st Announcement

Dear Colleague,

We propose to carry out a workshop on September 17–20, 2013 in Kyiv (Ukraine) to discuss the following topics:

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

The idea is to bring together physicists, chemists, scintillator experts and producers to discuss different aspects of radiopure scintillator developments, measurements and applications.

The workshop will be dedicated to the 70th anniversary of Prof. Yuri Zdesenko.

*International Scientific Committee:*

Rita Bernabei, Univ. Tor Vergata and INFN Tor Vergata, Rome, Italy  
Victor Brudanin, JINR, Dubna, Russia  
Hiro Ejiri, RCNP, Osaka, Japan; CTU, Prague, Czech Republic  
Fernando Ferroni, INFN, Rome, Italy  
Ettore Fiorini, Univ. Milano Bicocca, Milano, Italy  
Richard Ford, SNOLAB, Lively, Canada  
Andrea Giuliani, CNRS CSNSM, Orsay, France  
Boris Grinyov, ISMA, Kharkiv, Ukraine  
Hong Joo Kim, KNU, Daegu, Republic of Korea  
Masaaki Kobayashi, KEK, Tsukuba, Japan  
Hans Kraus, Univ. of Oxford, UK  
Matthias Laubenstein, LNGS, Assergi, Italy  
Pierre de Marcillac, CNRS IAS, Orsay, France  
Marek Moszynski, NCNR, Otwock-Swierk, Poland  
Stefano Pirro, INFN Milano Bicocca, Milano, Italy  
Vladimir Shlegel, NIIC, Novosibirsk, Russia  
Matias Velazquez, ICMCB, Bordeaux, France

*Local Organizing Committee:*

Fedor Danevich (chair)

Vladimir Tretyak (co-chair)

Denys Poda

Elena Zueva

Valentyna Mokina

Dmitry Chernyak

If you are interested in participating, please, replay to this email. An early answer is appreciated as this allows more precise planning.

Those wishing to receive further information may also contact me or the RPSCINT 2013 Secretariat ([rpscint13@kinr.kiev.ua](mailto:rpscint13@kinr.kiev.ua)).

I apologize if you have received this message twice.

Kindest regards,  
Fedor Danevich, on behalf of the Committees.

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