

# NEUTRON AND ION DOSIMETRY SYMPOSIUM

14-19 MAY 2017 - KRAKÓW, POLAND

## FIRST ANNOUNCEMENT

The Institute of Nuclear Physics Polish Academy of Sciences (IFJ PAN), the European Radiation Dosimetry Group (EURADOS) and the International Atomic Energy Agency (IAEA) invite you to participate in the Neutron and Ion Dosimetry Symposium (NEUDOS13) which will be held in Kraków, Poland from 14 to 19 May 2017.

The Symposium offers a great opportunity to share knowledge, to exchange experience and to promote new ideas in the field of neutron, proton and ion dosimetry between scientists from research bodies, regulatory authorities and industry worldwide.

The program will consist of oral and poster sessions from contributed papers. Invited lectures will be given by high level experts. The proceedings of the Symposium will be published in a peer-reviewed journal.

We are looking forward to see you in Krakow!

*Paweł Olko - symposium chairman*

## SCIENTIFIC TOPICS OF THE CONFERENCE

### BASIC ASPECTS AND NEW ISSUES

- Physics for neutron, proton and ion dosimetry
- Dosimetric quantities
- Recommendations and standardization

### INSTRUMENTATION AND TECHNIQUES

- Dosimetry, metrology and spectrometry
- Calibration facilities
- Intercomparisons
- Monte Carlo transport calculation

### NEUTRONS AND IONS IN MEDICINE

- Dosimetry for proton and ion radiotherapy
- Dosimetry for BNCT and fast neutron radiotherapy
- Patient dosimetry

### RADIATION PROTECTION

- Environmental neutron monitoring
- Occupational dosimetry

### COMPLEX RADIATION FIELDS IN SPACE, RESEARCH AND INDUSTRY

- Field characterization
- Dosimetric measurements in space
- Occupational dosimetry for aircrew
- Radiation damage to electronics

### PHYSICS-BIOLOGY INTERFACE

- Micro- and nano-dosimetry
- Radiobiology for therapy and dosimetry
- Models and calculations at cellular and sub-cellular scales

In cooperation with:

**EURADOS**

## REGISTRATION FEES

Registration fees: 550 € by early and 650 € by late registration after 1 March 2017. Reduced fees for students: 350€(early) and 400€(late).

The registration fees for all participants include the following: scientific conference sessions attending, access to exhibition & poster areas, book of abstracts, proceedings, coffee breaks and lunches, opening ceremony and conference dinner.

The special registration fee for accompanying persons of 150 € include the following: access to exhibition and poster areas, the opening ceremony and the conference dinner.

## PUBLICATION OF PROCEEDINGS

The conference contributions will be published in the Conference book of abstracts and in the in a peer-reviewed journal. The selection of the papers will be done according to a strict refereeing process.

## SCIENTIFIC ADVISORY COMMITTEE

• Thomas Berger (Germany)  
Jean-François Bottollier-Depois (France)  
Marie Davidkova (Czech Republic)  
Carles Domingo (Spain)  
Natalia Golnik (Poland)  
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Rick Tanner (United Kingdom)  
David Thomas (United Kingdom)  
Filip Vanhavere (Belgium)  
Frank Wissmann (Germany)

## ACCOMMODATION

A list of suggested hotels is available on the conference website. Hotel booking can be made using the booking.com or other hotel web pages.

## IMPORTANT DATES

- 2nd announcements and call for abstracts:  
**1 September 2016**
- Deadline for submission of abstracts:  
**15 November 2016**
- Notification of acceptance: **15 January 2017**
- Deadline for early registration: **15 March 2017**

## TECHNICAL EXHIBITION

A technical exhibition will be organized during the symposium. Modalities are available for companies interested in participating.  
Contact: neudos2017@ifj.edu.pl

## SCIENTIFIC PROGRAMME COMMITTEE

Paweł Bilski  
Maciej Budzanowski  
Renata Kopeć  
Paweł Olko

## LOCAL ORGANIZING COMMITTEE

Renata Kopeć – chairman  
Aleksandra Kiszurno-Mazurek  
Izabela Milcewicz -Mika  
Magdalena Skrobek  
Magdalena Zydek

## WEBSITE AND CONTACT

<http://neudos2017.ifj.edu.pl>  
e-mail: neudos2017@ifj.edu.pl