

# NEUTRON AND ION DOSIMETRY SYMPOSIUM

14-19 MAY 2017 - KRAKÓW, POLAND

## SECOND ANNOUNCEMENT AND CALL FOR ABSTRACTS

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 Radiation Protection Dosimetry.

We are looking forward to see you in Krakow!  
*Paweł Olko - symposium chairman*

### 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.

### IMPORTANT DATES

- Call for abstracts: **1 September 2016**
- Deadline for of abstract submission : **15 November 2016**
- Notification of acceptance: **15 January 2017**
- Deadline for early registration: **15 March 2017**

### CALL FOR ABSTRACTS

All information about registration and abstract submission are on the website:

<http://neudos2017.ifj.edu.pl>

For abstracts submission authors should use the model template. The submission is available online via the conference website. Accepted abstracts will be included in the book of abstracts.

### CONFERENCE VENUE

The Symposium will be held in the new Kraków Congress Centre, some 10 minutes' walk from the historical city center. The Congress Centre offers also space for poster presentations and technical exhibitions:

Kraków Congress Centre ICE  
ul. Marii Konopnickiej 17  
30-302 Kraków  
Poland  
<http://www.icekrakow.com/>

In cooperation with:

**EURADOS**

## 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
- Dosimetry for fusion research

### PHYSICS-BIOLOGY INTERFACE

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

## PUBLICATION OF PROCEEDINGS

The conference contributions will be published in the Conference book of abstracts. The selection of the papers will be done according to a strict refereeing process and published in Radiation Protection Dosimetry.

## SCIENTIFIC ADVISORY COMMITTEE

Paola Batistoni (Italy)  
Thomas Berger (Germany)  
Jean-François Bottollier-Depois (France)  
Marie Davidkova (Czech Republic)  
Carles Domingo (Spain)  
Natalia Golnik (Poland)  
Michał Gryziński (Poland)  
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Helmut Schuhmacher (Germany)  
Liliana Stolarczyk (Poland)  
Rick Tanner (United Kingdom)  
David Thomas (United Kingdom)  
Filip Vanhavere (Belgium)  
Frank Wissmann (Germany)

## SOCIAL PROGRAMME

The following events have been arranged for conference participants and accompanying persons:

- Welcome cocktail,
- Visit to proton therapy center at the Institute of Nuclear Physics (optional)
- Excursion to the Wieliczka salt mine
- Conference dinner

## 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.

## TECHNICAL EXHIBITION

A technical exhibition will be organized during the symposium. Modalities are available for companies interested in participating.

Contact: [neudos2017@ifj.edu.pl](mailto:neudos2017@ifj.edu.pl)

## LOCAL ORGANIZING COMMITTEE

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

## SCIENTIFIC PROGRAMME COMMITTEE

Paweł Bilski  
Maciej Budzanowski

Renata Kopeć  
Paweł Olko

## WEBSITE AND CONTACT

<http://neudos2017.ifj.edu.pl>  
e-mail: [neudos2017@ifj.edu.pl](mailto:neudos2017@ifj.edu.pl)