

First announcement

EURADOS Annual Meeting 2017

AM2017

Karlsruhe, 27th February to 2nd March 2017



Including:

- Winter School "Internal dosimetry for radiation protection and medicine"
- Meetings of EURADOS Working Groups
- EURADOS General Assembly and Council Meeting



EURADOS workshops and training courses

Invitation

Since 2002 EURADOS Annual Meetings (AM) are key elements in the agenda of the community working in the field of ionising radiation dosimetry. It has become a tradition to combine statutory actions of EURADOS with meetings of EURADOS Working Groups and also with events of general interest such as the EURADOS Winter School or a workshop dedicated to a topic of particular importance.

The AM2017 will take place from 27th February to 2nd March 2017 at the Karlsruhe Institute of Technology, KIT, Campus South in Karlsruhe. The meeting includes the 10th EURADOS Winter School "Internal dosimetry for radiation protection and medicine". It is planned to provide all

presentations of this event on the EURADOS website.

The table below summarizes the overall agenda. More details on AM2017 will be provided in the 2nd announcement and call for registration, planned for mid November. We hope that you can allocate the week in your agenda already now.

We look forward to seeing many colleagues from the EURADOS network and also many other persons interested in the topics of AM2017 in Karlsruhe.

Werner Rühm,
Chairperson EURADOS

EURADOS Annual Meeting 2017

Time	Monday 27.02.2017	Tuesday 28.02.2017	Wednesday 01.03.2017	Thursday 02.03.2017	Time		
08:30-09:00		Registration	Registration	Registration	08:30-09:00		
09:00-09:30		WG meetings²⁾	WG meetings	10th EURADOS Winter School³⁾	09:00-09:30		
09:30-10:00					09:30-10:00		
10:00-10:30	EURADOS Council⁴⁾ and optional WG meetings	Coffee break	Coffee break	Coffee break	10:00-10:30		
10:30-11:00		WG meetings²⁾	WG meetings	10th EURADOS Winter School	10:30-11:00		
11:00-11:30							11:00-11:30
11:30-12:00						11:30-12:00	
12:00-12:30	Registration	Lunch	Lunch	Lunch	12:00-12:30		
12:30-13:00					12:30-13:00		
13:00-13:30					13:00-13:30		
13:30-14:00	WG meetings¹⁾	WG meetings	EURADOS General Assembly	10th EURADOS Winter School	13:30-14:00		
14:00-14:30							
14:30-15:00					14:30-15:00		
15:00-15:30	Coffee break	Coffee break	Coffee break		15:00-15:30		
15:30-16:00					15:30-16:00		
16:00-16:30	WG meetings	WG meetings	EURADOS General Assembly		16:00-16:30		
16:30-17:00							16:30-17:00
17:00-17:30							17:00-17:30
17:30-18:00							17:30-18:00

¹⁾ Meetings of all 8 WGs in parallel

²⁾ IC2016ph Meeting in parallel

³⁾ Topic: Internal dosimetry for radiation protection and medicine

⁴⁾ Continuation of Council meeting on Friday, 09:00

Conference Dinner

Important dates

- > 2nd announcement and call for registration 15 November 2016
- > Deadline for early registration (reduced fee) 23 January 2017
- > Deadline for registration 23 February 2017
- > EURADOS Annual Meeting 2017 27.02-02.03.2017

10th EURADOS Winter School

"Internal dosimetry for radiation protection and medicine"

2nd March 2017

Scope:

Radionuclides inside the human body are associated to different scenarios of exposure to ionizing radiations. Occupational intakes may occur at workplaces where open radioactive sources are handled. Nuclear medicine procedures use deliberate intakes of radiopharmaceuticals for diagnosis and therapy. In emergency situations contamination of air and foodstuff might result in intakes of radioactive material by members of the public. Quantification of the doses and thus the health risks resulting from radionuclides inside the human body cannot be performed by direct measurements. The only available indicators for dose assessments come from the measurement of the activity retained inside the human body or present in excreta samples and from the activities of material entering the body (e.g. concentration of radionuclides in air or foodstuff). The interpretation of monitoring data in terms of intake and doses requires the application of biokinetic and dosimetric models which are provided and updated regularly by ICRP.

The 10th EURADOS Winter School is dedicated to the dosimetry of internal emitters in the frame of radiation protection and medicine. All exposure situations will be covered together with their differences and commonalities. A great effort has been made recently in the elaboration of technical recommendations for monitoring individuals for occupational intakes of radionuclides and in standardization (EURADOS TECHREC, ISO). The new ICRP publications on Occupational Intakes of Radionuclides (OIR) will be presented as well as recent developments in the dosimetry in nuclear medicine. The challenges and recent progress in internal dosimetry for emergency situations will be also addressed. Other important topics to take into account are the internal dosimetry in epidemiology and the new developments in the microdosimetry of internal emitters. The research needs in the field of internal dosimetry will be identified and discussed to be included in the new version of the EURADOS Strategic Research Agenda. All lectures will be given by internationally well-known scientists who are involved in the dosimetry of internal emitters. Participants will receive a certificate of attendance

Topics:

- > Basics in internal dosimetry
- > Internal dose assessment for occupational exposure
- > Dosimetry in nuclear medicine
- > Internal dosimetry in emergency situations
- > Internal dosimetry for epidemiology
- > Microdosimetry of internal emitters

Scientific Committee:

- > Maria Antonia Lopez (CIEMAT),
- > Bastian Breustedt (KIT),
- > Lara Strulens (SCK)
- > Weibo Li (HMGU)

Venue and transportation

The EURADOS Annual Meeting 2017 takes place at
Karlsruhe Institute of Technology (KIT)
Campus South, building 20.30
Englerstraße 2
76136 Karlsruhe
(<http://www.kit.edu>)

The venue is the new “Kollegiengebäude Mathematik” (No. 20.30) on Campus South of KIT, which is located adjacent to the castle in the city centre. Karlsruhe is situated in the South-West of Germany close to the French border and the regions of Black-Forrest and Palatine. It can easily be reached by plane (e.g. via the Airports Frankfurt/Main or Stuttgart and local Airport Karlsruhe/Baden). Karlsruhe Main Station has access to international and national (high speed) trains, as well as regional and local transport. Karlsruhe offers any kind of accommodation and a list of hotels will be given in the 2nd announcement.

Local organisation

- > Angelika Bohnstedt (KIT)
- > Bastian Breustedt (KIT)
- > Sabrina Meo Colombol (KIT)
- > Doris Stephany (KIT)

Contact

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Registration

Registration should be done online (after the 2nd announcement) via www.eurados.org.

Conference fee

registration and payment <u>latest</u> 23 rd January 2017	registration and payment <u>after</u> 23 rd January 2017
Full Fee: 250 €	Full Fee: 325 €
Reduced Fee ¹⁾ : 200 €	Reduced Fee ¹⁾ : 275 €

The fee includes participation in all events of AM2017, coffee breaks, lunches (on Tue, Wed and Thu) and conference dinner (on Wed).

Enquiries on registrations & payments:

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¹⁾ Reduced fee for participants from sponsoring institutions (see <http://www.eurados.org/en/Sponsors>)