REPROLAM
Red de Optimización de Protección Radiológica Ocupacional en LatinoAmerica y Caribe

NEWSLETTER

NUMBER 1, JANUARY 2022

IAEA
INTERNATIONAL CONFERENCE ON OCCUPATIONAL RADIATION PROTECTION
SEPTEMBER 5-9, 2022, GENEVA, SWITZERLAND

Interested contributors have until **15 February 2022** to submit abstracts for the IAEA's International Conference on Occupational Radiation Protection – Strengthening Radiation Protection of Workers – Twenty Years of Progress and the Way Forward, to be held from 5 to 9 September 2022 in Geneva, Switzerland.

Organized in collaboration with the International Labour Organization, this conference will focus on efforts to strengthen international collaboration, provide a forum to discuss advances, challenges and opportunities since the last conference on the topic in 2014. A main objective of the conference is to identify ways to support countries to improve national arrangements on occupational radiation protection based on the IAEA safety standards.

"This conference represents an essential meeting point to exchange, at the international level, on the progress of occupational radiation protection in all fields of activities as well as the challenges that remain to be tackled," said Caroline Schieber, Project Leader at the Nuclear Protection Evaluation Center (CEPN). "It constitutes a privileged place for sharing knowledge and experience and to meet key actors of occupational radiation protection from all over the world."

The conference will bring together representatives of regulatory bodies, workers' associations and employers' organizations involved in the use of radiation sources and in the operation of facilities and activities containing or handling radioactive material including naturally occurring radioactive material, as well as radiation protection experts, researchers, personnel from providers of occupational radiation protection technical services and manufacturers of radiation emitting apparatus and other radiation sources.

The main topics of the conference will include:

• review of international standards and recommendations on occupational radiation protection, progress over the past twenty years and existing challenges,
• radiation effects and health risks from radiation exposure at the workplace,
• monitoring and dose assessment of occupational exposures,
• occupational radiation protection in medicine,
• occupational radiation protection in the workplaces involving exposure to naturally occurring radioactive material, radon and cosmic rays,
• occupational radiation protection in industrial, research and educational facilities,
• occupational radiation protection in nuclear power plants and nuclear fuel cycle facilities,
• occupational radiation protection in emergency exposure situations and subsequent transition periods and
• safety culture in occupational radiation protection.

Original contributions on these topics, in the form of poster presentations, are welcome. Those wishing to present should submit a synopsis (one or a maximum of two printed A4 pages, including figures and references) through the conference's web-based file submission system (IAEA-INDICO).

Further information, including on financial support for participation and detailed submission instructions, is available on the conference webpage.

Link: https://www.iaea.org/events/occupational-radiation-protection-2022

WEBINAR

IN THE SPOTLIGHT: NATURALLY OCCURRING RADIOACTIVE MATERIAL (NORM)

Wednesday, 26 January 2022, 14:00 (Vienna, Austria time)

The webinar will look at the RadoNorm project under **EURATOM Horizon 2020**, which aims at managing risk from radon and NORM exposure situations to assure effective radiation protection based on improved scientific evidence and social considerations. The proposed multidisciplinary and inclusive research project target all relevant steps of the radiation risk management cycle for radon and NORM exposure situations.

The webinar will also provide information on the Tenth International Symposium on Naturally Occurring Radioactive Material (NORM X) to be held from 9-13 May in Jaarbeurs, Utrecht, the Netherlands. The Symposium will focus on circular economy — the use of residues from industrial operations involving NORM — developments in traditional 'cradle to grave' approaches, the application of a graded approach, decision making on optimization of protection and safety for industrial operations and processes, and progress made since the 2019 NORM IX Symposium and the 2020 International Conference on the Management of NORM in Industry.

Learning objectives

• Have a better understanding of the industrial processes involving NORM and application of graded approach to regulation;
• Learn about the RadoNorm project with a perspective towards effective radiation protection based on improved scientific evidence and social considerations with focus on Radon and NORM
• Be informed about the Tenth International Symposium on Naturally Occurring Radioactive Material (NORM X) to be held from 9-13 May in Utrecht, the Netherlands

More information and registration:
https://www.iaea.org/resources/webinar/in-the-spotlight-naturally-occurring-radioactive-material-norm

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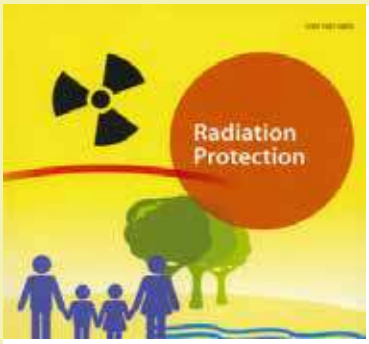

EURADOS TRAINING COURSE 2022

Kraków, Poland, 20th to 23rd April 2022

Radiation Protection Dosimetry and Accreditation of IMS: Secrets & Solutions
(based on Radiation Protection 160)

EURADOS WG2 will be holding the 6th training course based on the European Commission's report - Technical Recommendations for Monitoring Individuals Occupationally Exposed to External Radiation (Radiation Protection 160, RP160).

The course will cover all aspects of individual monitoring as discussed in RP160 with an emphasis on metrology, quality assurance and type testing. Recent developments in RP will also be covered, including the new ICRU dose quantities.

Important Dates:

Registration deadline: 25th March 2022
Deadline for payment: 31st march 2022
Training course: Wednesday 20th to Saturday 23rd April 2022
IM2022/NEUDOS-14: Monday 25th to Friday 29th April 2022

The course will be held in the week before the IM2022 conference to provide cost efficiencies for those also attending IM2022/NEUDOS-14.

TOPICS:

- General radiation protection
- Basic detection principles
- Measurement methods
- Dosimetric quantities
- Uncertainty evaluation
- Calibration and type-testing
- Inter-comparisons
- Quality assurance, quality control
- Dose registration
- Accreditation
- QA audits

More information and registration:
https://www.ptb.de/cms/ptb/fachabteilungen/abt6/seminare/tceurados-wg2.html

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NORM X Symposium: “25 YEARS OF NORM SYMPOSIUM. FUTURE: WASTE APPLIED IN A CIRCULAR ECONOMY "

Netherlands from May 9 to 13, 2022.

The Scientific Programme Committee is please to invite participants to submit their contributions to the NORM X Symposium. Once accepted and taking into account your preference, it will be decided by the Scientific Programme Committee whether your contribution will be presented as a poster or oral presentation.

During NORM X there will be SHARE/RICOMET sessions and you can also submit abstracts for the RICOMET conference. If you want to submit an abstract for the RICOMET conference, please make this clear in the abstract submission form by sending a message to the Scientific Programme Comittee within the form.

Your poster or presentation and full paper will be made publicly available through the NORM X website after the symposium and in the NORM X Symposium Proceedings which will be published by the IAEA.

The final date for submission of abstracts is February 1st 2022. After submission, abstracts will be reviewed and authors will be notified as soon as possible whether their submission has been accepted.

Your abstracts should clearly summarise the proposed content of the full paper, including any major scientific findings or conclusions. The acceptance of abstracts will be based on their scientific and technical quality and clarity of the information provided.

The presenting author will be required to register online as participant.

For more information: https://normx2022.com/

EURADOS

EURADOS INTERCOMPARISON FOR NEUTRON DOSEMETERS (IC2022N)

EURADOS is currently preparing the next EURADOS International Intercomparison for individual monitoring in neutron fields. The action is coordinated by EURADOS Working Group 2 "Harmonization of Individual Monitoring". This intercomparison refers to the performance of neutron dosimeters intended to measure the personal equivalent dose of neutrons Hp (10) provided by individual monitoring services.

If you are interested in taking part in this intercomparison exercise, register before February 15, 2022 at:
https://www.eurados-intercomparison.org/

More information in:
https://eurados.sck.hosted-temp.com/sites/eurados/files/uploads/Actions/Intercomparisons/2022/IC2022n_Annoucement_20211206.pdf

RESOURCES AND DOWNLOADS

ASSESSMENT OF PROSPECTIVE CANCER RISKS FROM OCCUPATIONAL EXPOSURE TO IONIZING RADIATION

Artificial sources of radiation are commonly used in the manufacturing and service industries, research institutions and universities, and the nuclear power industry. As a result, workers can be exposed to artificial sources of radiation. There are also a significant number of workers, such as underground miners and aircrew, who are exposed to naturally occurring sources of radiation. This publication, prepared in collaboration with the International Labour Organization, and with reference to IAEA Safety Standards Series No. GSR Part 3 provides guidance for individuals and organizations on the assessment of prospective cancer risks due to occupational exposure to ionizing radiation for prevention purposes. It describes cancer risk assessment theory, models and methodologies, and offers practical examples of carrying out these assessments.

https://www.iaea.org/publications/14916/assessment-of-prospective-cancer-risks-from-occupational-exposure-to-ionizing-radiation

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The congress will be held in Hungary, in the picturesque city of Budapest from 30 May to 3 June 2022. It will be a great moment bringing together all medical, scientific and industrial radiation protection professionals.

With the theme "Radiation Protection for Everyone" the congress aims to draw attention to the fact that radiation protection no longer concerns only a small community but affects everyone. We intend to host a congress where doctors, researchers, industrial, environmental and authorised professionals can exchange views on current scientific issues and through this process radiation protection advances in many parts of the world. We hope our congress will contribute to this.

At this event several traditional plenary and parallel sessions, a poster section and refresher courses offer the opportunity to present latest scientific advancements in radiation protection. In addition to traditional topics, we also added new scientific areas to the program, such as non-ionizing radiation protection.

The congress issues a special invitation and encouragement to younger scientists and professionals to attend as delegates and participate young scientists' competition. Beside these further sessions will be organized, such as "Relax and learn", "Art and fun", "Clever ideas" and the inevitably important technical site visits.

The Hungarian IRPA AS is proud to host the 6 th European IRPA in Hungary and to organise a warm welcome for all delegates

Important dates:
Deadline for early registration and payment: February 15, 2022
Standard registration and payment deadline: May 1, 2022
On-site registration: May 2, 2022

Deadline for submission of full papers: May 1, 2022
Publication of full articles: as of December 31, 2022

IRPA 2022 Congress: May 30 - June 3, 2022

For more information: https://irpa2022.eu/

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The Network for the Optimization of Occupational Radiological Protection in Latin America and the Caribbean (REPROLAM) is a scientific and cultural, non-profit, political, religious or racial society, of unlimited duration, which has the objective of promoting the optimization of occupational radiation protection. REPROLAM seeks to expand academic and scientific cooperation among its members, with the aim of promoting adequate radiation protection for workers.

Visit our website for more information: http://www.reprolam.com/
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