REPROLAM

Red de Optimización de la Protección Radiológica Ocupacional en LatinoAmérica y el Caribe

NEWSLETTER

JUNE 2025

ICRP MADAN REHANI AWARD LECTURE 2025
20 YEARS OF ICRP WORK IN INTERNAL DOSIMETRY: AN OVERVIEW OF CHALLENGES OVERCOME AND KEY ACHIEVEMENTS

JUNE 3, 2025 | 12:00 - 13:00 UTC | VIRTUAL EVENT

The International Commission on Radiological Protection (ICRP) is proud to announce François Paquet as the first recipient of the ICRP Madan Rehani Award. This distinction was established to recognize exceptional leadership in advancing radiological protection through ICRP Task Groups and Publications. The ICRP Madan Rehani Award honors outstanding contributions to the timely development of impactful ICRP publications. It is awarded to a chair or co-chair of an ICRP Task Group whose work has had significant influence in the field of radiological protection. The award includes a medal and a certificate, presented at each ICRP biennial symposium.

PROGRAMME

12:00 UTC – Presentation of the ICRP Madan Rehani Award / Werner Rühm (ICRP & BfS, Germany)

12:05 UTC – Background of the award / Madan Rehani (Massachusetts General Hospital / Harvard University, USA)

12:10 UTC – About the awardee: François Paquet / Werner Rühm (ICRP & BfS, Germany)

12:15 UTC – ICRP Madan Rehani Award Lecture 2025: “20 Years of ICRP Work in Internal Dosimetry: Overview of Challenges Overcome and Key Achievements” / François Paquet (ICRP, France)

12:45 UTC – Q&A session

12:55 UTC – Closing remarks / Madan Rehani (Massachusetts General Hospital / Harvard University, USA) – Olga German (ICRP, Canada)

Registration:

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ICRP WORKSHOP: ENABLING SUSTAINABLE DEVELOPMENT THROUGH THE PROTECTION SYSTEM: FEASIBILITY AND ALIGNMENT

📅 SEPTEMBER 11–12, 2025

📍 HAMILTON, ONTARIO, CANADA

The registration and abstract submission period is now open.
The deadline to submit abstracts for in-person sessions is June 30, 2025.

This workshop, jointly organized by the World Nuclear Association and the International Commission on Radiological Protection (ICRP), in coordination with Bruce Power, the Canadian Nuclear Association (CNA), the International Radiation Protection Association (IRPA), and McMaster University, follows the webinar held on October 3, 2024.
The event will explore key topics that will play a significant role in the review and evolution of the System of Radiological Protection, as well as in enabling sustainable development, such as COP28's ambition to triple global nuclear capacity.

💵 REGISTRATION

$150 CAD – General Registration
$50 CAD – Student Registration

🏛️ EVENT VENUE

This two-day workshop will take place at the David Braley Health Sciences Centre, McMaster University, located at 100 Main Street West, Hamilton, Ontario, Canada.
The David Braley Health Sciences Centre is a 192,000-square-foot, LEED Gold-certified building designed by Norr Architects and Engineers, recipient of the 29th World Architecture Award. Completed in 2015, it houses McMaster's Department of Family Medicine and the City of Hamilton Public Health Services.

🧪 SITE VISITS

Site visits to the McMaster Nuclear Reactor will be available on September 9–10, 2025.
More information on how to register for a visit will be provided in the coming weeks.

✨ PROGRAM HIGHLIGHTS

- Alignment of the Radiological Protection System with the UN Sustainable Development Goals
- Strengthening the talent pipeline in radiological protection
- Promoting practical, proportional, and effective RP regulations
- Translating ICRP recommendations into practice and addressing implications of upcoming changes to the System of Radiological Protection

https://event.fourwaves.com/icrp-wna-2025/pages

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WHAT IS 'ABSORBED DOSE' IN RADIATION?

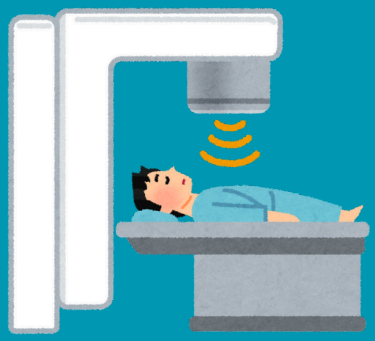
Let's simplify it!

Absorbed dose = Energy deposited by ionizing radiation per unit mass

Unit: GRAY (Gy)
1 Gy = 1 joule of energy absorbed per kilogram of matter

Why is it important?

It ensures safe and effective radiotherapy



It helps design better radiation shielding

It plays a key role in medical imaging and radiation safety

Interactive moment!

If 2 joules of energy are absorbed in 0.5 kg of tissue, what is the absorbed dose?

Options:

A) 1 Gy
B) 2 Gy
C) 3 Gy
D) 4 Gy

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13TH INTERNATIONAL CONFERENCE ON RADIATION, NATURAL SCIENCES, MEDICINE, ENGINEERING, TECHNOLOGY, AND ECOLOGY (RAD CONFERENCE 2025)

HUNGUEST HOTEL SUN RESORT, HERCEG NOVI, MONTENEGRO
FROM JUNE 16 TO JUNE 20, 2025.

We are pleased to announce the 13th International Conference on Radiation, Natural Sciences, Medicine, Engineering, Technology, and Ecology (RAD 2025), which will take place from June 16 to June 20, 2025, at the Hunguest Hotel Sun Resort, Herceg Novi, Montenegro.

This interdisciplinary event brings together researchers and professionals from various fields to share advancements and foster collaborations around the study and application of radiation in multiple disciplines.

The conference features plenary sessions, oral presentations, and poster sessions, including dedicated spaces for young researchers and students, encouraging their active participation in the scientific community.

For more information and registration, please visit the official website:
RAD 2025 Conference.

EUROPEAN RADIATION PROTECTION WEEK 2025 (ERPW2025)

LONDON
SEPTEMBER 29 – OCTOBER 3, 2025

The UK Health Security Agency (UKHSA) is organizing the European Radiation Protection Week 2025 (ERPW 2025), which will be held from September 29 to October 3, 2025, at The Cumberland Hotel, London.

This multidisciplinary event will bring together radiation protection experts to discuss topics such as:

- Risks and mechanisms of non-cancer diseases at low doses.
- Infrastructures for research in radiation protection.
- Preparedness and response to nuclear emergencies.
- Dosimetry in space and at high altitudes.
- Radiation protection in new molecular imaging therapies.
- Special session for early-career researchers: from theory to practice.

The registration fee is £375.

For more information and registration, visit:
oukhsa-protectionservices.org.uk

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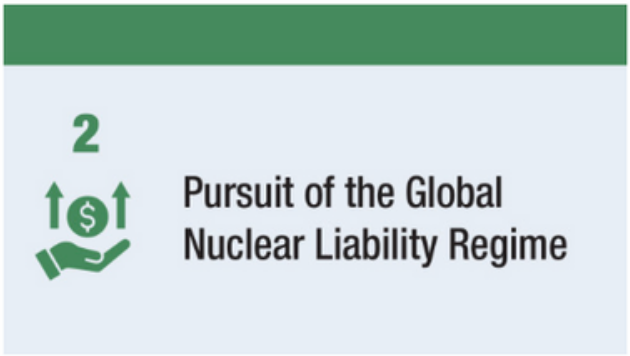
THE IAEA LAUNCHES A NEW WEBINAR SERIES ON NUCLEAR LAW
WEBINAR 2: THE QUEST FOR THE GLOBAL NUCLEAR LIABILITY REGIME

📅 FRIDAY, JUNE 20, 2025 – 08:00 AM (UTC-03:00)



A global nuclear liability regime, based on the principles of nuclear liability and composed of effective and coherent mechanisms at both national and international levels to ensure prompt, adequate, and non-discriminatory compensation for damage caused by a nuclear incident, is an important element of the legal framework needed to support the safe, secure, and peaceful use of nuclear energy.

This webinar will cover the principles, elements, and benefits of a global nuclear liability regime, the process for its establishment, as well as the role of the IAEA and relevant international legal instruments, such as the Convention on Supplementary Compensation for Nuclear Damage, in this process.

MODERATOR:

- Anthony Wetherall, Head of the Nuclear Law and Treaties Section, IAEA Office of Legal Affairs

PANELISTS:

- Xiaodong Yang, Legal Officer, Nuclear Law and Treaties Section, IAEA Office of Legal Affairs
- David McCauley, Consultant, Chair of the International Expert Group on Nuclear Liability (INLEX)
- Fiona Geoffroy, Senior Legal Advisor at Électricité de France (EDF), INLEX Member
- Ben McRae, Deputy General Counsel for Civil Nuclear Programs, U.S. Department of Energy, INLEX Member

Register here →

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ICRP 2025 – 8TH INTERNATIONAL SYMPOSIUM ON THE SYSTEM OF RADIOLOGICAL PROTECTION

📅 OCTOBER 7–9, 2025
📍 RITZ-CARLTON ABU DHABI, GRAND CANAL – UNITED ARAB EMIRATES

The International Commission on Radiological Protection (ICRP) will hold its 8th International Symposium on the System of Radiological Protection from October 7 to 9, 2025, at the Ritz-Carlton Abu Dhabi, Grand Canal, United Arab Emirates.

This important international event, organized jointly with the International Atomic Energy Agency (IAEA), will bring together leaders and professionals in the field of radiological protection to discuss advances, challenges, and perspectives in the application of the international system of radiological protection.

Topics to be addressed include:

- Optimization and justification of radiological exposures,
- Occupational protection in medical and industrial contexts,
- New recommendations and approaches from the ICRP,
- Public involvement and risk communication.

The symposium will feature keynote lectures, oral presentations, poster sessions, and opportunities for interaction among professionals from around the world.

The call for abstracts is open until May 31, 2025, and early registration with special rates and student discounts is already available.

🔗 More information: www.icrp.org

This event represents a key opportunity for the Latin America and Caribbean region to continue strengthening the culture of radiological protection on a global scale.