

I REPROLAM SYMPOSIUM

“INTEGRATION AND SHARED EXPERIENCE IN
RADIOLOGICAL PROTECTION”

NOVEMBER 5-8, 2024 - RECIFE, BRAZIL

More information and registration at:

<https://simposioreprolam2024.com/>



**33 DAYS
LEFT**

REPROLAM, the Network for Optimization of Occupational Radiological Protection in Latin America and the Caribbean, cordially invites all professionals in the field of radiological protection to participate in this Symposium, themed "Integration and Shared Experience in Radiological Protection."

DATES OF INTEREST

FIRST ANNOUNCEMENT	January 2024
SECOND ANNOUNCEMENT	February 2024
ABSTRACT SUBMISSION DEADLINE	
ABSTRACT ACCEPTANCE NOTIFICATION	August 15, 2024
EARLY REGISTRATION	September 10, 2024
COURSE REGISTRATION DEADLINE	October 10 2024
FULL PAPER SUBMISSION DEADLINE FOR PUBLICATION	December 30, 2024

THEMATIC AREAS

- 1- External and Internal Dosimetry.
- 2- Computational and Biological Dosimetry.
- 3- Occupational Radiological Protection and Operational Magnitudes.
- 4- Occupational Radiological Protection in NORM (Naturally Occurring Radioactive Materials).
- 5- Individual Monitoring in Workplace with Ionizing Radiation and in Unregulated Activities.
- 6- Radiation Metrology in Dosimetric Calibration and Intercomparison.
- 7- Education and Training of Human Resources.
- 8- Radiation safety evaluation

PAPERS

The complete works will be published within one year after the Symposium as a special issue of the scientific journal "Applied Radiation and Isotopes" (<https://www.sciencedirect.com/journal/applied-radiation-and-isotopes>).

All manuscripts will be evaluated by two referees and must meet the acceptance criteria of the journal.

EVENT PROGRAM

DATE AND TIME	TUESDAY, NOVEMBER 5	WEDNESDAY, NOVEMBER 6	THURSDAY, NOVEMBER 7	FRIDAY, NOVEMBER 8
8:30-9:00	Course I - Computational Dosimetry Techniques - Denison de Sousa Santos - IRD/CNEN	Registration	Conference: Status of Personal Dosimetry in Latin America and the Caribbean	Round Table: Current Status and Future Perspectives in Retrospective Dosimetry in Latin America and the Caribbean
9:00-9:30		Opening	Conference: Regional Status of Calibration in Radiation Protection and IAEA Actions to Strengthen the Sector	
9:30-10:00	Course II - Veterinary Radiation Protection - Simone Kodlulovich Renha - IRD/CNEN	Keynote Conference	Conference: Status of the National Dose Registry (RND) in Latin America and the Caribbean: Experiences and Challenges in its Implementation	
10:00-10:30		IAEA and the Monitoring Project of Japan on the Discharge of Treated Water from Fukushima Daiichi.	Conference: ISEMIR-IR/IAEA: A Tool for Optimizing Radiation Protection in Industrial Radiology	Conference: Occupational Exposure to NORM and New Dose Coefficients for Radon

DATE AND TIME	TUESDAY, NOVEMBER 5	WEDNESDAY, NOVEMBER 6	THURSDAY, NOVEMBER 7	FRIDAY, NOVEMBER 8
10:30-11:00	Coffee Break	Coffee Break	Coffee Break	Coffee Break
11:00-11:30	Course I - Computational Dosimetry Techniques - Denison de Sousa Santos - IRD/CNEN	Conference: Impact of IAEA Technical Cooperation Actions on Development in Latin America	Oral Session - Presentation of Papers	Conference: Safety Culture in Occupational Radiation Protection
		Conference: Radiation Protection Infrastructure in Latin America and the Caribbean		Conference: Dose in Pediatric Cardiac Interventional Radiology
12:00-13:00		Oral Session - Presentation of Papers		
13:00- 13:30	Lunch	Lunch	Lunch	Lunch
13:30-14:00	Course III - Radiation Protection in the Event of Incidents and Accidents (ICRP 146) - Loreto Villanueva- Zamora - Chile			

DATE AND TIME	TUESDAY, NOVEMBER 5	WEDNESDAY, NOVEMBER 6	THURSDAY, NOVEMBER 7	FRIDAY, NOVEMBER 8
14:00-15:30	Course III - Radiation Protection in the Event of Incidents and Accidents (ICRP 146) - Loreto Villanueva- Zamora - Chile	Round Table: Status of Occupational Exposure in Industrial Applications (Accelerators, Radiopharmaceu- tical Production, Large Irradiators, Industrial Radiography)	Round Table: Regional Levels of Occupational Exposure Published by UNSCEAR: Characteristics and Trends	Oral Session - Presentation of 6 Papers
15:30: 16:00	Course IV - Radiation Protection in Interventional Radiology	Conference: Contributions of the Ibero- American Forum of Nuclear and Radiological Regulators for Radiation Protection	Oral Session - Presentation of 6 Papers	Conference: Impact of Social and Military Conflicts on Radiation Protection Requirements
16:00 -17:00		Poster Session		Closing Session - Awards Ceremony
17:00 -18:30		REPROLAM Assembly	Poster Session	
19:00-21:00	Welcome Cocktail			
20:00			Event Dinner (OPTIONAL)	

GRAPHIC MATERIAL



IMPORTANT

We would like to remind you that the official event page has available template models that should be used for both posters and oral presentations, along with an instructional guide that details the corresponding requirements and specifications.

<https://simposioreprolam2024.com/#>

If you have any questions, please feel free to ask:

<https://simposioreprolam2024.com/contacto/>





REPROLAM WEBINAR: BIOLOGICAL EFFECTS OF IONIZING RADIATION DURING PREGNANCY

DATE: WEDNESDAY, OCTOBER 23, 2024 - 3 PM BRAZIL TIME

Meet: <https://meet.google.com/ifn-ebxf-sjs>



Dra. Mariella Terán
Associate Professor of Radiochemistry
University of the Republic

This webinar will analyze the biological effects of ionizing radiation on pregnant women and the embryo. Additionally, it will review international recommendations for the radiation protection of women in the workplace.

Registration Form: <https://forms.gle/EDZi3bNgbcUjwGrg9>



11TH INTERNATIONAL SYMPOSIUM ON NATURALLY OCCURRING RADIOACTIVE MATERIAL (ORGANIZED IN COOPERATION WITH THE IAEA)

OCTOBER 13 – 17, 2025

ACCRA, GHANA

The Ghana Atomic Energy Commission, the Ghana Association for Radiation Protection, the African ALARA Network, and the Nuclear Regulatory Authority of Ghana, in cooperation with the International Atomic Energy Agency (IAEA), are organizing the Eleventh International Symposium on Naturally Occurring Radioactive Material (NORM XI). NORM XI, the first NORM Symposium to be held in Sub-Saharan Africa, will take place from October 13 to 17, 2025, in Accra, Ghana.

The theme of the Symposium is 'Broadening Optimization in Industrial Processes Involving NORM: A Focus on Sustainability in Extractive Industries'. Industrial processes involving water treatment, oil and gas production, and legacy sites, as well as progress made since the 2022 NORM X Symposium, will also be discussed.

The Symposium will provide presentations, discussion forums and networking opportunities, refresher training courses, and side events by relevant organizations, based on the latest research and scientific information, the application of a graded approach, the use of NORM residues, and optimization of protection and safety. The event is intended for operators of industrial processes involving NORM, technical service providers, radiation protection professionals including researchers and regulators.

IMPORTANT DATES:

- Opening of Registration and Call for Abstract Submission: October 2024

Link: <https://normxi2025.com/>



REGULATORY PROCESSES FOR AUTHORIZATION AND INSPECTION OF RADIOPHARMACEUTICAL PRODUCTION FACILITIES WITH CYCLOTRON



The increasing use of cyclotrons worldwide has made this practice a challenge for regulatory bodies when it comes to authorizing and inspecting cyclotrons. This publication outlines the regulatory activities that must be undertaken during the authorization and inspection processes of radiopharmaceutical production facilities with cyclotrons throughout the facility's life cycle, including notification, construction, commissioning, operation, and decommissioning. The IAEA technical document (TECDOC) details criteria for evaluating the design of such facilities and their physical security systems from a radiation protection perspective, in accordance with state-of-the-art technology. This includes the radiation protection program (such as environmental radiological monitoring, contamination and personal dosimetry, emergency planning, radioactive waste management, etc.), necessary personnel competencies, organizational structure, and other aspects, as well as suggestions on how to conduct inspections.

This document does not address the aspects of physical protection in these types of facilities, the safe transport of radioactive materials, or the integrity of radiopharmaceuticals. Additionally, it does not cover hospital radiopharmacy facilities or centralized radiopharmacies where cyclotron-produced radioisotopes are used for labeling radiopharmaceuticals, although some of the concepts discussed herein may be relevant.

<https://www.iaea.org/es/publications/15770/procesos-reguladores-de-autorizacion-e-inspeccion-de-instalaciones-de-produccion-de-radiofarmacos-con-ciclotron>

The Occupational Radiation Protection Optimization Network for Latin America and the Caribbean (REPROLAM) is a non-profit, non-political, non-religious, and non-racial scientific and cultural society with unlimited duration. Its aim is to promote the optimization of occupational radiation protection. REPROLAM seeks to enhance academic and scientific cooperation among its members, with the goal of ensuring that radiation protection for workers is appropriate and effective.

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

How to Contact Us: reprolam2020@gmail.com