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

NEWSLETTER

APRIL 2025

TRIBUTE TO THE CAREER OF HELEN JAMIL KHOURY

In this special edition of the REPROLAM Network newsletter, we want to pay tribute to the life and legacy of Helen, whose dedication and commitment left an indelible mark on our community. Her tireless work and passion for radiological protection in Latin America were an inspiration to colleagues and professionals across the region. Through this article, we remember her valuable contributions and the impact she had on those who shared this journey with her.

Professor Helen Jamil Khoury was a distinguished scientist and educator who left an indelible mark in the field of nuclear energy and radiological protection. Born in Jerusalem on March 27, 1951, her professional and academic career unfolded in Brazil, where she made significant contributions to science and technology.

In 1960, she moved to the state of São Paulo, where she later earned a degree in Physics from the Pontifical Catholic University of São Paulo (PUC/SP) in 1975. During this period, she began working with the renowned professor Marcelo Damy, marking the beginning of her career in the field of nuclear physics. In 1981, she settled in Recife and was hired as a professor in the Department of Nuclear Energy at the Federal University of Pernambuco (UFPE), where she played a key role in advancing research in dosimetry and nuclear instrumentation.

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Her leadership and vision led her to establish the Ionizing Radiation Metrology Laboratory (LMRI) in 1997, a milestone in strengthening radiological protection in Brazil. Between 1999 and 2001, she served as the Director of Research at UFPE, where she promoted initiatives to enhance scientific development in the country. Her commitment to the scientific community led her to preside over the Brazilian Society for Radiological Protection (SBPR) from 2004 to 2006, driving significant advancements in the field.

One of her most emblematic projects was the establishment of the Nuclear Science Museum in 2010, aimed at promoting knowledge about nuclear energy and its applications. Her work was recognized in 2014 when the National Commission for Nuclear Energy (CNEN) awarded her the Carneiro Felippe Medal in recognition of her outstanding contributions to radiological protection in Brazil.

Her impact extended beyond national borders. Between 2019 and 2022, she served as president of the International Solid State Dosimetry Organization (ISSDO), and in 2022, she was awarded the title of Honorary Citizen of Pernambuco by the Legislative Assembly of the State of Pernambuco (ALEPE). She also coordinated the Network for the Optimization of Occupational Radiological Protection in Latin America and the Caribbean (REPROLAM) from 2022 to 2025, further solidifying her influence in the region.

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On the international stage, she actively participated in projects of the International Atomic Energy Agency (IAEA) as a Designated Team Manager (DTM) in various regional initiatives, becoming a leading figure in radiological protection in Latin America. Her career culminated with her appointment as Scientific Director of the Foundation for the Support of Science and Technology of Pernambuco (FACEPE) in 2023.

Professor Helen Jamil Khoury passed away on February 2, 2025, at the age of 73, leaving behind an invaluable legacy in science and education. Her tireless efforts in promoting knowledge and safety in the use of nuclear energy will continue to inspire future generations of researchers and professionals in the field.

From the Steering Committee and all members of the REPROLAM Network community, we want to express our deep appreciation and gratitude for Helen's invaluable work. Her legacy will continue to guide us in our commitment to radiological protection in the region. Her passion, dedication, and warmth will always remain in our memories.

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REPROLAM NEWS

In order to comply with Article 21.2 of the REPROLAM Statute, which states, *"If the Network Coordinator is temporarily or permanently unable to serve, an interim coordinator shall be elected to complete the term,"* the Steering Committee has appointed Leslie Vironneau Janicek, representative of Chile, as Interim Coordinator of the organization. Leslie will assume this responsibility to complete the current term, which will extend until the next election process, scheduled for March 2026.

INTERIM COORDINATOR OF REPROLAM
Leslie Vironneau Janicek
CHILE
Head of Internal Dosimetry Laboratory
Chilean Nuclear Energy Commission
Individual Radiological Protection

We appreciate the commitment of all those involved and reiterate our support for the management that will be carried out during this transition period.

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9TH INTERNATIONAL WEBINAR: DOSIMETRISTS IN RADIOTHERAPY

THURSDAY, MAY 8 – 5:00 PM

VIRTUAL MODE

Destinado a:

Dosimetristas - Lic. en producción de Bioimágenes y estudiantes avanzados - Físicos Médicos - Radioncólogos

Inscripción sin cargo

Modalidad Virtual

Instituto Zunino | Fundación Marie Curie

FUNDACION MARIE CURIE Córdoba, Argentina

"Importance of the QUATRO Audit Methodology in Radiotherapy"

Erika Césedes Lopez
Graduate in Medical Imaging
Hospital México, Costa Rica

"Cranial Masks for Radiotherapy and Radiosurgery: From Simulation to Treatment"

Lic. Franco Barolo
Lic. Melina Rodriguez
Dosimetrists
Zunino Institute

Registration Form:
https://docs.google.com/forms/d/1-_MU5lyDm7L6-cvrv6nEytPlkvBia4HvNjmMqdULkrk/viewform?edit_requested=true

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RADONORM 2025: LIQUID SCINTILLATION COUNTING (LSC) AND ALPHA SPECTROMETRY FOR NORM CHARACTERIZATION

KATOWICE, POLAND

MAY 12 – MAY 23, 2025

The main objective of this training course is to maintain and develop competencies in radiochemistry. The purpose is to train young researchers and professionals in measuring the activity concentration of specific natural radionuclides.

The course will provide theoretical knowledge on the behavior of natural radionuclides in the environment, highlighting the need for their monitoring, as well as advanced features of Liquid Scintillation Counting (LSC) and alpha particle spectrometry. However, special emphasis will be placed on developing practical competencies in laboratory work.

Participants will have the opportunity to acquire hands-on skills and practical experience by applying rapid yet precise and validated analytical techniques. They will follow the entire analytical process, starting with laboratory sample preservation, dissolution, pre-concentration of radionuclides of interest, chemical separation of interfering radionuclides and matrix components, and finally, sample preparation for analysis.

Each evaluation procedure will be completed with relevant measurement protocols, instrument setup, necessary calibration rules, and final interpretation of the obtained results.

Important Information

- Participation in the course is free of charge for attendees.
- The organizers do not reimburse travel and accommodation costs but recommend applying for a travel grant under the RadoNorm or PIANOFORTE projects:
- RadoNorm Travel Grant (for PhD students)
- PIANOFORTE Travel Grant (also open to master's students)
- PIANOFORTE Travel Grant for Early-Career Radiation Protection Professionals (especially for young professionals)
- The training course will be conducted in English.
- The application deadline is March 12, 2025. Notification of acceptance or rejection will be sent by March 19, 2025.
- A certificate of attendance will be issued upon course completion.

For more details and registration: **https://szkolenia.gig.eu/radonorm2025-1/**

RadoNorm Managing risks from radon and NORM

GIG National Research Institute

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XXV INTERNATIONAL SYMPOSIUM ON SOLID STATE DOSIMETRY

📅 SEPTEMBER 22–26, 2025 – 08:00 TO 14:15 GMT-3

📍 CENTRO DE DESENVOLVIMENTO DA TECNOLOGIA NUCLEAR (CDTN/CNEN) – BELO HORIZONTE, MINAS GERAIS, BRAZIL
BRAZIL – WITH ONLINE STREAMING

The symposium brings together national and international professionals from academic, industrial, hospital, and research institutions to present and discuss the latest advances in radiation science and its nuclear applications in industry, medicine, and the environment. This event provides a unique platform for experience exchange, discussions, and the promotion of scientific collaboration among different countries in Latin America and worldwide.
Symposium contributions will be published in a special issue of Applied Radiation and Isotopes and in the electronic proceedings, following the standard peer-review process.

VIDEO: **https://youtu.be/d7WTPXq_A9o**

INSTAGRAM: **HTTPS://WWW.INSTAGRAM.COM/ISSSD25**

Thematic Areas of This Symposium:

- G1 – Applications of Thermoluminescence (Dosimetry, Dating, Industrial, etc.)
- G2 – Dosimetry (Environmental, Personal, Internal, External, Computational, etc.)
- G3 – Ionizing and Non-Ionizing Radiation
- G4 – Medical Physics
- G5 – Radiation Protection
- G6 – Radiation Sources
- G7 – Radiobiology
- G8 – Luminescent Materials

The deadline for abstract submission is from February 10 to May 31.

Pre-Symposium Course: September 22

You can find all the information about registration fees, schedule, and activities at the following link: **https://www.even3.com.br/isssd25/**

CDTN CENTRO DE DESENVOLVIMENTO DA TECNOLOGIA NUCLEAR

MCMEG

Sociedad Mexicana de Irradiación y Dosimetría

UFMG UNIVERSIDADE FEDERAL DE MINAS GERAIS

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INTERNATIONAL CONFERENCE ON RADIATION PROTECTION IN MEDICINE: X-RAY VISION

DECEMBER 8–12, 2025

VIENNA, AUSTRIA

The conference aims to bring together medical professionals, regulators, patient advocates, health researchers, and other stakeholders in radiation protection in medicine for thematic sessions and roundtable discussions on topics such as: justification for the use of radiation in medicine, radiation protection for patients and staff in various diagnostic and therapeutic modalities and interventional procedures, learning from unintended and accidental exposures in medicine, and strengthening the radiological safety culture in healthcare.

OBJECTIVES

- Examine the actions and progress made over the past decade to strengthen radiation protection in medicine, with a particular focus on measures implemented in accordance with the Bonn Call for Action by all relevant stakeholders.
- Consider the global approach to implementing these actions and the harmonization of activities among international organizations and other stakeholders.
- Enable stakeholders to assess and anticipate new developments impacting radiation protection in medicine, allowing for the formulation of future priorities.

INDICO will be open for abstract submission from March 1 to May 2, 2025.
https://conferences.iaea.org/

DEADLINES AND KEY DATES

- May 2, 2025: Submission of abstracts via IAEA-INDICO
- May 2, 2025: Submission of Form B (along with Form A) via the InTouch+ platform
- May 2, 2025: Submission of Form C (along with Form A) via the InTouch+ platform
- After June 20, 2025: Notification of abstract acceptance for poster presentations
- December 3, 2025: Submission of Form A only (no document submission, no grant request) via the InTouch+ platform

More Information: https://conferences.iaea.org/event/413/

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ICRP WEBINAR: SHAPING THE FUTURE OF RADIATION PROTECTION – ENGAGING THE NEXT GENERATION

📅 TUE, APRIL 1, 2025 – WED, APRIL 2, 2025 / 12:00 P.M. TO 2:30 P.M. UTC

📍 VIRTUAL EVENT – PAID REGISTRATION: ZOOM

Registration and Fees:
https://icrp.kindful.com/e/shaping-the-future-of-radiological-protection-engaging-the-next-generation

Event Information and Program:
https://icrp.org/page.asp?id=625&utm_source=International+Commission+on+Radiological+Protection&utm_campaign=3879b0450d-EMAIL_CAMPAIGN_2025_02_12_03_10_COPY_01&utm_medium=email&utm_term=0_-d47944fb0a-233065894&mc_cid=3879b0450d&mc_eid=ffa8ab4bb6

With emerging topics such as the United Nations Sustainable Development Goals (SDGs), the 28th United Nations Climate Change Conference (COP28) driving a significant expansion of nuclear energy, advancements in medical technology, and even the possibility of commercial space travel, the need for radiation protection professionals has never been more urgent.

This webinar will highlight the diverse and rewarding careers in radiation protection and how organizations support the next generation of professionals worldwide. Whether you are just starting or have years of experience, you will gain valuable insights to inspire and guide you.

Over two days, the webinar will explore how individuals and organizations can actively support the next generation of radiation protection professionals. Registration fees, along with individual and organizational contributions, will go toward helping emerging professionals travel and participate in ICRP 2025 in Abu Dhabi, where the Federal Authority for Nuclear Regulation (FANR) will host the 8th International Symposium on the System of Radiological Protection from October 6 to 9, 2025.