REPROLAM

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

NEWSLETTER

NUMBER 9, SEPTEMBER 2024

I REPROLAM SYMPOSIUM

"INTEGRATION AND SHARED EXPERIENCE IN RADIOLOGICAL PROTECTION"

NOVEMBER 5-8, 2024 - RECIFE, BRAZIL

More information and registration at:
https://simposioreprolam2024.com/

64 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	10 July 2024
ABSTRACT ACCEPTANCE NOTIFICATION	August 15, 2024
EARLY REGISTRATION	September 10th 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

WE REMIND YOU THAT YOU CAN STILL ACCESS THE DISCOUNTED REGISTRATION FEE UNTIL SEPTEMBER 10TH!

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.

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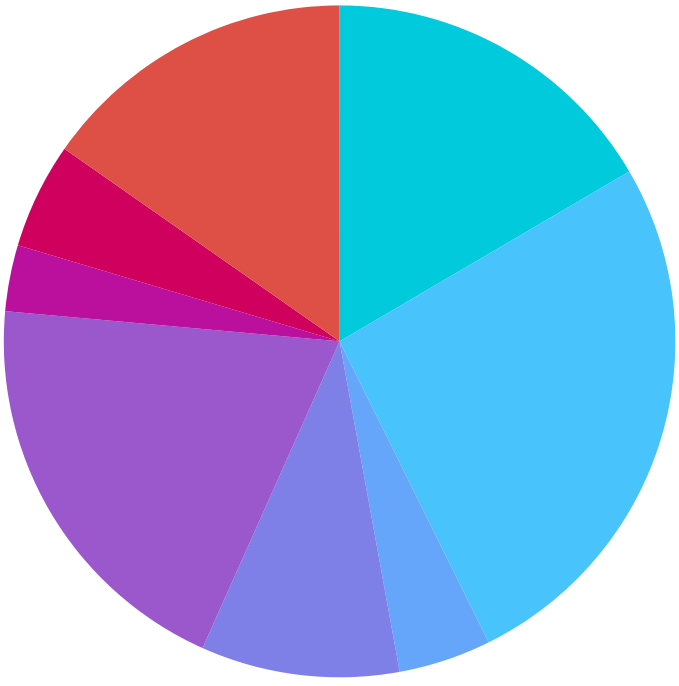
LET'S TALK ABOUT STATISTICS...

As part of the I REPROLAM Symposium, we are pleased to share the statistics on the submission of scientific papers. This symposium, dedicated to "INTEGRATION AND SHARED EXPERIENCE IN RADIATION PROTECTION," has attracted significant participation from researchers, academics, and professionals in the field.

The call for papers, which ran from June 26th to July 10th, received an impressive response, reflecting the scientific community's strong interest and commitment to the topics covered at this event. Below, we present the submission statistics, including the total number of proposals received, their distribution across thematic areas, and the geographical diversity of the participants.

THEMATICS AREAS



- Computational and Biological Dosimetry
- External and Internal Dosimetry
- Education and Training of Human Resources
- Radiation Safety Assessment
- Radiation Metrology in Calibrations and Dosimetric Intercomparisons
- Individual Monitoring at the Workplace with Ionizing Radiation and in Unregulated Activities
- Occupational Radiation Protection in NORM (Naturally Occurring Radioactive Materials)
- Occupational Radiation Protection and Operational Quantities

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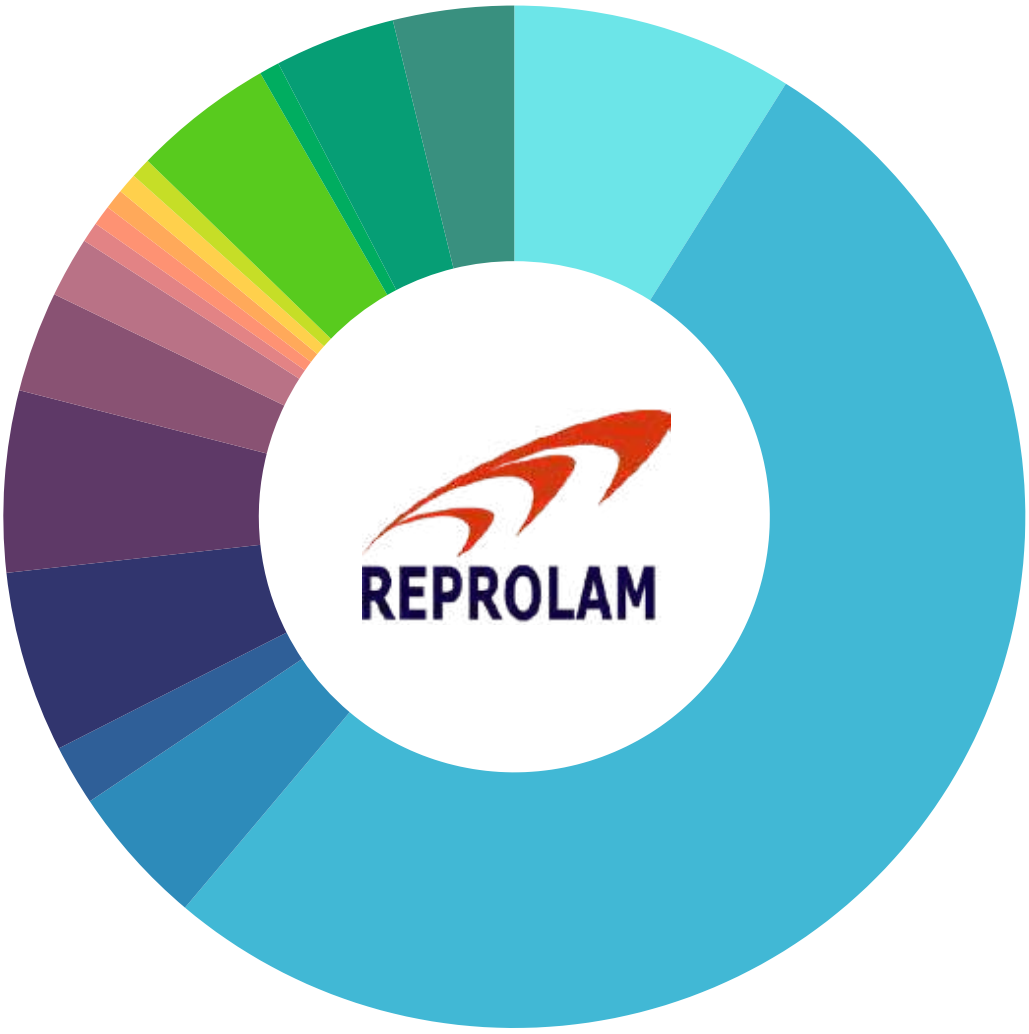
COUNTRIES



- Argentina (28)
- Brazil (164)
- Chile (14)
- Colombia (6)
- Costa Rica (18)
- Cuba (18)
- Ecuador (10)
- El Salvador (6)
- Spain (2)
- Guatemala (2)
- Honduras (2)
- Italy (2)
- Mexico (2)
- Nicaragua (14)
- Panama (2)
- Paraguay (12)
- Uruguay (12)

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WEBINAR DE REPROLAM: NUEVOS MODELOS BIOCINÉTICOS Y DOSIMÉTRICOS DE LA ICRP Y LOS CORRESPONDIENTES COEFICIENTES DE DOSIS.

FECHA: MIÉRCOLES 11 DE SETIEMBRE 2024 -15 HS DE BRASIL

Meet: https://meet.google.com/cwn-wbtz-rau

Dr. LuizBertelli
Experto en dosimetría interna de Los Alamos

Existen nuevos modelos biocinéticos y dosimétricos elaborados por la ICRP que involucran además cambios en los coeficientes de dosis.
En este webinar se presentarán los modelos y la nueva versión de la herramienta de cálculo AIDE 7.1 que incluye los nuevos modelos biocinéticos.

Formulario de inscripción:
https://forms.gle/tkYXJXj9jAGUMjvT6

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REPROLAM WEBINAR: NEW ICRP BIOKINETIC AND DOSIMETRIC MODELS AND THE CORRESPONDING DOSE COEFFICIENTS.

DATE: WEDNESDAY, SEPTEMBER 11, 2024 - 3:00 P.M. IN BRAZIL

Meet: https://meet.google.com/cwn-wbtz-rau

Dr. LuizBertelli
Internal Dosimetry Expert from Los Alamos

New biokinetic and dosimetric models developed by the ICRP, which also involve changes in dose coefficients, are available. This webinar will present the models and the new version of the AIDE 7.1 calculation tool, which includes the updated biokinetic models.

Registration Form:
https://forms.gle/tkYXJXj9jAGUMjvT6

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REPROLAM WEBINAR: BIOLOGICAL EFFECTS OF IONIZING RADIATION DURING PREGNANCY

DATE: WEDNESDAY, OCTOBER 23, 2024 - 3:00 PM BRAZIL TIME

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

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

In this webinar, an analysis will be conducted on the biological effects of ionizing radiation on pregnant women and the embryo. Additionally, there will be a review of international recommendations for radiation protection of women in the workplace.

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

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ASOCIACIÓN MEXICANA DE RADIOPROTECCIÓN A.C
AMRAP

8TH ANNIVERSARY MEETING OF AMRAP:

STRENGTHENING RADIATION PROTECTION IN LATIN AMERICA: THE ROLE OF REPROLAM

DATE: SEPTEMBER 11, 2024 - 7:00 PM MEXICO TIME

Speaker:
Dra. Helen Jamil Khoury
Full Professor
Department of Nuclear Energy
Federal University of Pernambuco
Recife, Brazil

Registration Link:
https://docs.google.com/forms/d/e/1FAIpQLSeAzQmFN7-kNfO46tQAxnOpsVxu7zBsrUqUh4__tGGgsHpFnw/viewform

Zoom Meeting Link:
https://us06web.zoom.us/j/83180368065?pwd=O5LS4p54aDSUmEOrEiDta0hCqvPp62.1#succe

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CULTURA DE SEGURIDAD

SAFETY FIRST

A space dedicated to common understanding and the promotion of a Safety Culture through information, analysis, dissemination of experiences, and related news.

TECHNIQUES FOR EVALUATING THE SAFETY CULTURE OF AN ORGANIZATION (PART 5 AND FINAL)

Returning to the techniques for evaluating Safety Culture, today we conclude this topic with the explanation of the last of the five recognized techniques: focus groups. In previous newsletters, we have discussed the techniques of surveys, document reviews, process observations, and interviews.

Similar to interviews, the focus group technique is an interactive method that allows face-to-face communication between evaluators and participants. This technique involves gathering a group of employees from the organization where Safety Culture is being assessed and discussing topics selected by the evaluators. These topics may stem from the results of other techniques and are areas where further exploration is desired, or they might be proposed to explore specific aspects of the organization that are of interest. One or two evaluators act as facilitators of the discussion, adhering to certain rules that will be outlined later.

Advantages and Disadvantages of this Technique:

Advantages:

- Facilitates interactive and open examination of a topic with a group of managers and/or employees.
- Allows participation from individuals across different areas or hierarchical levels (the recommended maximum number is ten people).
- It is a flexible and creative technique that can provide ideas on various ways to approach tasks within the organization.
- Offers opportunities for both individual and collective learning.
- Allows observation of group dynamics, interpersonal and power relationships, handling of opposing opinions, existing concerns, and experiences, among other aspects.

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Disadvantages:

- The effectiveness of the technique depends on the evaluator's skill in acting as a facilitator and capturing the cultural essence of the group's arguments and interventions, as well as their ability to avoid influencing the direction of the discussion and managing controversial topics.
- The discussion may become distorted due to factors such as a dominant participant, groupthink, the presence of executives, and the channeling of personal frustrations or agendas.
- Processing the responses can be complex due to the number of participants and the variety of opinions expressed.

To ensure the effectiveness of the technique, evaluators should consider the following recommendations:

- A relaxed and candid debate atmosphere is needed to facilitate open exchange and active participation among group members.
- The technique can be used in both early and advanced stages of the safety culture evaluation process. In the initial stages, focus group discussions can enhance the content of surveys and interviews to be conducted. In later stages, they can help resolve issues that could not be fully addressed by previous techniques.

And as always, remember: If you are a manager or work to promote Safety Culture, keep in mind that conclusions about an organization's Safety Culture cannot be reached by applying just one or two of the recognized techniques we have discussed in this newsletter section. Some organizations tend to evaluate their Safety Culture using only a survey, which is considered to be of limited use and poor practice. The best results are achieved when all five techniques are applied. However, according to the latest international recommendations, it is not strictly necessary to use all of them to obtain significant results and establish improvement measures. But never rely on just one technique!

References

[1] IAEA. Technical Documents Collection of the IAEA. TECDOC 1995. Safety Culture in Organizations, Facilities, and Activities with Ionizing Radiation Sources, Vienna, 2022.

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IAEA International Atomic Energy Agency

ASSESSMENT OF REGIONAL CAPABILITIES IN LATIN AMERICA FOR NORM MANAGEMENT

VIRTUAL EVENT WITHIN THE FRAMEWORK OF PROJECT RLA9093

SEPTEMBER 5, 2024, 4:00 PM (VIENNA TIME)

Analia Canoba

Autoridad Regulatoria Nuclear (ARN)

The International Atomic Energy Agency, under the framework of Project RLA9093 “Strengthening Regional Capabilities in Radiation Protection for End Users and Supporting Organizations,” extends an invitation to the “Assessment of Regional Capabilities in Latin America for NORM Management” webinar on September 5, 2024, at 4:00 PM Vienna time (check your local time here).

Below, you will find the invitation with the registration link for the webinar. Once registered, you will receive an email with the access link:

https://events.teams.microsoft.com/event/49e5ba94-7593-4a51-a965-8272b6dd9bc5@a2f21493-a4d1-4b7f-ad07-819c824f5c4a

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