



REPROLAM CYCLE OF SEMINARS ON CODES OF MONTE CARLO

REPROLAM will begin in October a cycle of seminars in Spanish on the use of different Monte Carlo codes, focused on Occupational Radiological Protection.

The first seminar will be on October 3:

"Fundamentals of the Monte Carlo Method applied to the field of radiological protection and IAEA Nuclear Data Libraries. Its use in codes applied to occupational RP"

Hours 15.00 Hs to 18.00 Hs Central European Time (CET)

The second seminar will be on October 4

"Introduction to OPENMC code".

The OPENMC code will be presented, giving information on advantages and limitations compared to other similar codes, installation, use of nuclear data libraries, etc. Practical exercises will be included.

Link for registration:

<https://www.surveymonkey.com/r/59R9NPJ>



CULTURA DE SEGURIDAD

SAFETY FIRST

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

WHY IS A PERMANENT FOCUS ON SAFETY A CHARACTERISTIC OF ORGANIZATIONS WITH A STRONG SAFETY CULTURE?

When an organization has a solid Safety Culture, it is always vigilant that the safety levels achieved do not deteriorate as a result of its daily operation, and even seek to improve them. An organization that is constantly aware of its safety has developed the five basic skills:



1. Always verify that the planning processes of their activities, as well as their control, maintain the levels of safety achieved.
2. It understands that the achievement of safety is a dynamic process, which must be pursued and achieved every day and not something static, taken for granted thanks to the technology, procedures and controls available. For this reason, the organization employs permanent safety verification methods before and during operations.
3. It assumes that safety is generated from within the organization, by its own safety management rather than as a result of compliance with external requirements, that is, "safety from within the organization" rather than "safety from outside the organization". organization"
4. It has incorporated change management to assess the impact on safety of any decision or modification, be it technological, procedural, personnel movements, budget adjustments, that is, of any nature, even when a priori it does not seem to have any relation with safety.
5. Maintains a permanent interaction with the interested parties related to the activity carried out by the organization to get feedback on any safety concern or problem and resolve it.

The absence of a permanent focus on safety, complacency based on favorable results in the past, the null or poor management of changes have been contributing factors in a significant number of radiological events and incidents.

Therefore, if you are a manager or work promoting the Safety Culture, remember that creating skills so that the organization always maintains a permanent focus will be essential to guarantee safety every day.

[1] IAEA. IAEA TECHNICAL DOCUMENT COLLECTION. TECDOC1995 Safety culture in organizations, facilities and activities related to the use of ionizing radiation sources, Vienna, 2022

XXII INTERNATIONAL SYMPOSIUM ON SOLID STATE DOSIMETRY 2022 ISSSD 2022

FROM SEPTEMBER 19 TO 23, 2022

METROPOLITAN AUTONOMOUS UNIVERSITY-IZTAPALAPA

MODALITY: Hybrid format - Face-to-face sessions will be from 8 a.m. to 2 p.m., online sessions will be from 3 p.m. to 8 p.m. (Mexico City time)

OBJECTIVES

- To constitute an open space for discussion on knowledge, updated advances and innovations in Solid State Dosimetry and its applications.
- Promote the exchange of scientific information between scientists, researchers, teachers, professors, professionals, technicians and students.
- Improve the specialization and updating of professionals who work in radiation dosimetry.
- Contribute and promote the training and specialization of young scientists in the field of radiation dosimetry.

Topics

- Thermoluminescent materials.
- Applications of thermoluminescence (dosimetry, dating, industrial, etc.)
- Dosimetry (environmental, personal, internal, external, computational, etc.)
- Radiation protection
- Radiobiology
- Radiation sources
- Medical Physics
- Ionizing and non-ionizing radiation

Important dates

SUMMARY SUBMISSION IS CLOSED

Deadline to send letters of acceptance: August 30

Deadline for the presentation of the work in extenso for its publication in the proceedings: September 5, 2022.

Pre-symposium courses: September 12 to 16

ISSSD 2022: From September 19 to 23, (face-to-face and virtual).

For more information:

http://smid.org.mx/eng.htm?fbclid=IwAR2MMdUE_EJhTJMhEILcg7io2rlesxiXiG2IR4mybupvZ1eBHzWehWTOfvc



ONLINE TRAINING IN RADIATION PROTECTION DIAGNOSTIC REFERENCE LEVELS IN MEDICAL IMAGES

The Diagnostic Reference Levels in Medical Imaging online course, available in English and Spanish, provides continuing education to medical imaging professionals, regulators, and others interested in establishing and using diagnostic reference levels (DRLs). It contains 13 modules in which the participant will learn the practical steps to establish NRDs and their use in clinical practice.

The course aims to help participants to:

- Understand the concept of DRL, what are DRLs and what is their role in optimizing patient protection;
- Understand the DRL process and the components that need to be considered;
- Understand dose metrics and values used in the DRL process;
- Learn how to properly set and use DRLs in different imaging modalities;
- Teach about useful information sources relevant to the process of obtaining DRLs.

The estimated total time for the course is 7 hours. Progress is tracked so that the course can be completed in stages. After viewing all modules and passing the final quiz, participants receive a certificate of completion.

The course is also available to view without obtaining a certificate in English.

<https://elearning.iaea.org/m2/enrol/index.php?id=1511>



EUROPEAN RADIATION PROTECTION WEEK ERPW 2022 OCTOBER 9 TO 14, 2022, ESTORIL, PORTUGAL

ERPW-2022 will be a major gathering of experts, addressing burning and emerging topics and multidisciplinary issues in Radiation Protection, at times when integration and harmonization of RP and the effective implementation of a European Radiation Research Area are at stake. The European research platforms will be closely involved in the organization of the event, together with the international organizations and institutions and several hundreds of participants are expected to attend and contribute to the Programme.

For more information and registration: <https://erpw2022-portugal.eu/>



NEUTRON USERS CLUB NUC 2022 SEPTEMBER 28 10 AM TO 4 PM

The NUC acts as a focal point for discussion of the production, use and metrology of neutron fields.

The meeting will commence with registration/refreshments from 10:00 and an introduction at 10:30. It is anticipated that the meeting will finish at approximately 16:00, after which participants may visit the NPL neutron irradiation facilities.

ticket price

Online Assistant: Free

Speakers (face-to-face or online): Free

In-person attendee: £65

Exhibition space: £380

If you have any questions about the event, please contact npl.clubs@npl.co.uk.

For more information: <https://www.npl.co.uk/events/neutron-users-club-nuc-2022>

XII REGIONAL CONGRESS OF RADIOLOGICAL AND NUCLEAR SAFETY X IRPA REGIONAL CONGRESS RADIATION PROTECTION: ADAPTING TO NEW SCENARIOS FROM OCTOBER 23 TO 27, 2022 - SANTIAGO, CHILE



We remember the XII REGIONAL CONGRESS OF RADIOLOGICAL AND NUCLEAR SAFETY - X IRPA REGIONAL CONGRESS that will be held in Santiago de Chile from October 23 to 27 of this year.

ROUND TABLES AND TECHNICAL SESSIONS

Radiological and Nuclear Safety Culture

“New ways of inhabiting the nuclear sector: Opportunities and challenges”

Medicine:

Artificial intelligence in Radiotherapy / R&D and the role of manufacturers in the universe of low doses in CT / 10 years of the Bonn call to action: We listen in Latin America / The limit of optimization in Nuclear Medicine

Woman in Nuclear

Collective Strategies to Put Gender Equality into Practice

Industry:

Balance and gender equity

Epidemiology and Radiobiology:

Biological effects at low doses and low dose rates / Long-term effects

Regulation and FORUM:

Biological effects at low doses and low dose rates, long-term effects

Networks and training:

Synergy in Latin America and the Caribbean / Training and dissemination in Radiological Protection

Innovation and Technology:

New technologies and approaches, Artificial Intelligence / R&D Platform in Spain: an example to follow

Non-ionizing radiation:

WHO framework, UV radiation, state of the art in the management of SAR in MR, Non-Ionizing Radiation Reference Framework

Education and training:

Experience is not always learning

AND MUCH MORE!



More details at: <https://www.sochipra.cl/congreso-regional-santiago-de-chile-2022/>



SECOND SEMINAR ON BASIC INTERNATIONAL SAFETY STANDARDS

FROM SEPTEMBER 02 TO NOVEMBER 18, 2022 | 4:00 p.m. - 7:00 p.m.

Free of charge

11 virtual sessions - every Friday

TOPICS

The International Atomic Energy Agency and the Mexican Regulatory Agency.

General requirements relating to protection and safety

Planned Exposure Scenarios: Scope and Generic Requirements

Planned Exposure Scenarios: Occupational Exposure

Planned Exposure Scenarios: Public Exposure

Planned Exposure Scenarios: Medical Exposure

Emergency Exposure Situations

Existing Exposure Situations

Extension and waiver. Bases.

Categorization of sealed sources. Bases

Operational magnitudes in Radiological Protection.

<https://forms.gle/gcqwCGqGKSQszGD9A>

VIRTUAL TRAINING COURSE ON SAFETY-ASSESSMENT OF MEDICAL AND INDUSTRIAL FACILITIES AND ACTIVITIES: USE OF THE TOKSA COMPUTER TOOL.”

FROM SEPTEMBER 26 TO 30, 2022.

TIME 2 HOURS 30 MINUTES/DAY.

MEXICO CITY TIME (CET – 6)

The International Atomic Energy Agency organizes the "Virtual Training Course on Safety-Assessment of Medical and Industrial Facilities and Activities" under the technical cooperation project RLA9091 "Strengthening regional capacities for end users and technical support organizations in radiological protection and emergency preparedness and response in accordance with IAEA requirements", to be held from September 26 to 30, 2022 virtual way.

The objective of this event: to train end users of medical or industrial facilities in the preparation of safety assessments, in particular through the use of the TOKSA web tool.

The participants will receive theoretical and practical training on the use of the tool during the week. The entire course will take place online.

You can find the event in InTouch+ under project RLA9091 (EVT2205326)

<https://intouchplus.iaea.org>

The counterparts of the countries must coordinate with their national TSA2 focal points to guarantee the preparation of the information and documents that will be sent to the candidates who are accepted for participation in the virtual course.