REPROLAM
Red de Optimización Protección Radiológica Ocupacional en Latino América

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REPROLAM

Red de Optimización de Protección Radiológica Ocupacional en LatinoAmérica

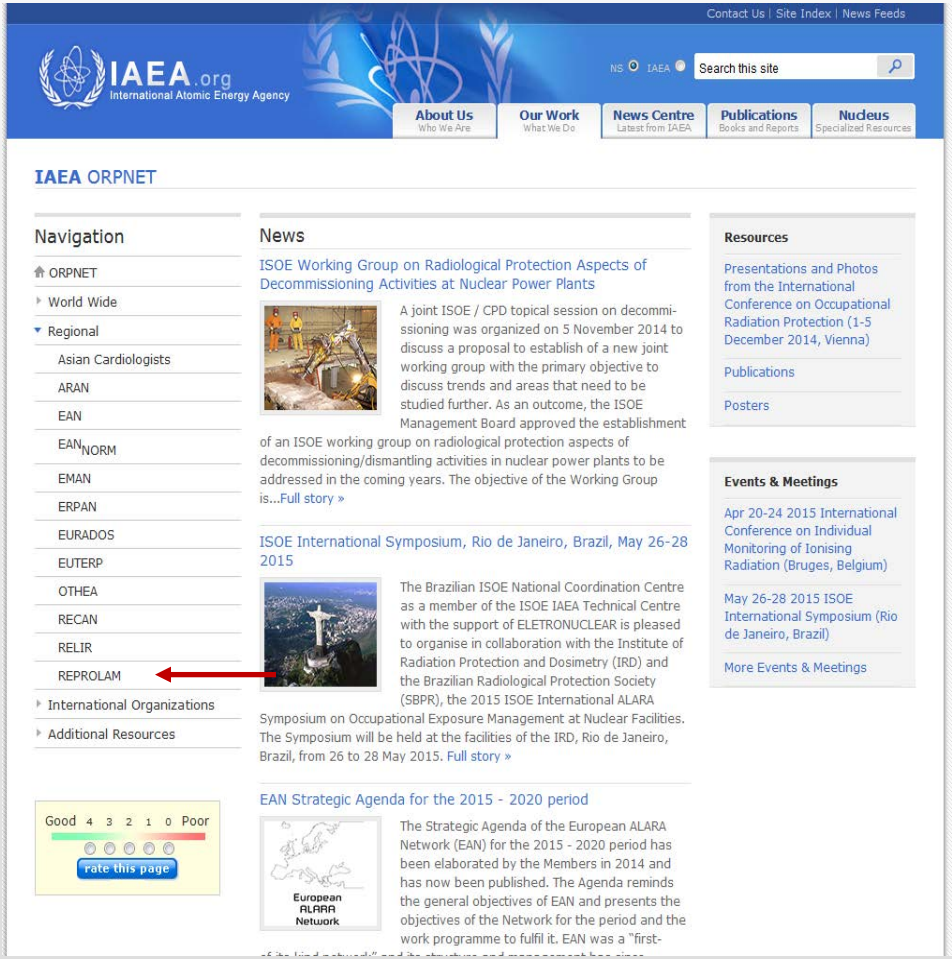
Rio de Janeiro – 26 May 2015

CNEN Comissão Nacional de Energia Nuclear

Ministério da Ciência, Tecnologia e Inovação

GOVERNO FEDERAL BRASIL PAÍS RICO É PAÍS SEM POBREZA

REPROLAM - ORPNET



ORPNET is the result of an action of the IAEA / ILO Plan of Action on Occupational Radiation Protection/ IAPORP (Action 7).

Objetives

Allow the dissemination of good practices and facilitate the implementation of the ALARA principle and avoid duplication of efforts.

http://www-ns.iaea.org/tech-areas/communication-networks/orpnet/

History

- REPROLAM – Red de Optimización de Protección Radiológica Ocupacional en LatinoAmérica
- REPROLAM is the regional Network for Latin America, which was born under the Technical Cooperation Project RLA/9/066 "Strengthening and upgrading the technical skills to protect the health and safety of workers occupationally exposed to ionizing radiation", where the participants countries were agreed to study the feasibility of creating a regional network for optimization of occupational exposure in Latin America.
- This activity was sponsored by the IAEA in the implementation of the International Plan of Action on Occupational Radiation Protection.

Main Objectives

- (REPROLAM, Estatuto de la Red de Optimización de Protección Radiológica Ocupacional en Latinoamérica, 2011):

1. Facilitate the exchange of information and integrated into the practical approach of the principle of optimization of occupational radiation protection.
2. Contribute to the harmonization of policies and practices of occupational radiation protection, particularly in relation to the principle of optimization in the different components of the national infrastructure: users of radiation sources, scientific and technical support services and regulatory authorities.

Main Objectives

3. Maintain, improve and develop levels of competence in radiation protection with special emphasis on the application of the optimization principle in cases of occupational exposure, normal exposure situations and emergencies.
4. Contribute to the integration and cooperation in relation to knowledge and specialized services in occupational radiation protection.
5. Identify and investigate significant topics of common interest to implement in processes of optimization of occupational radiation protection.

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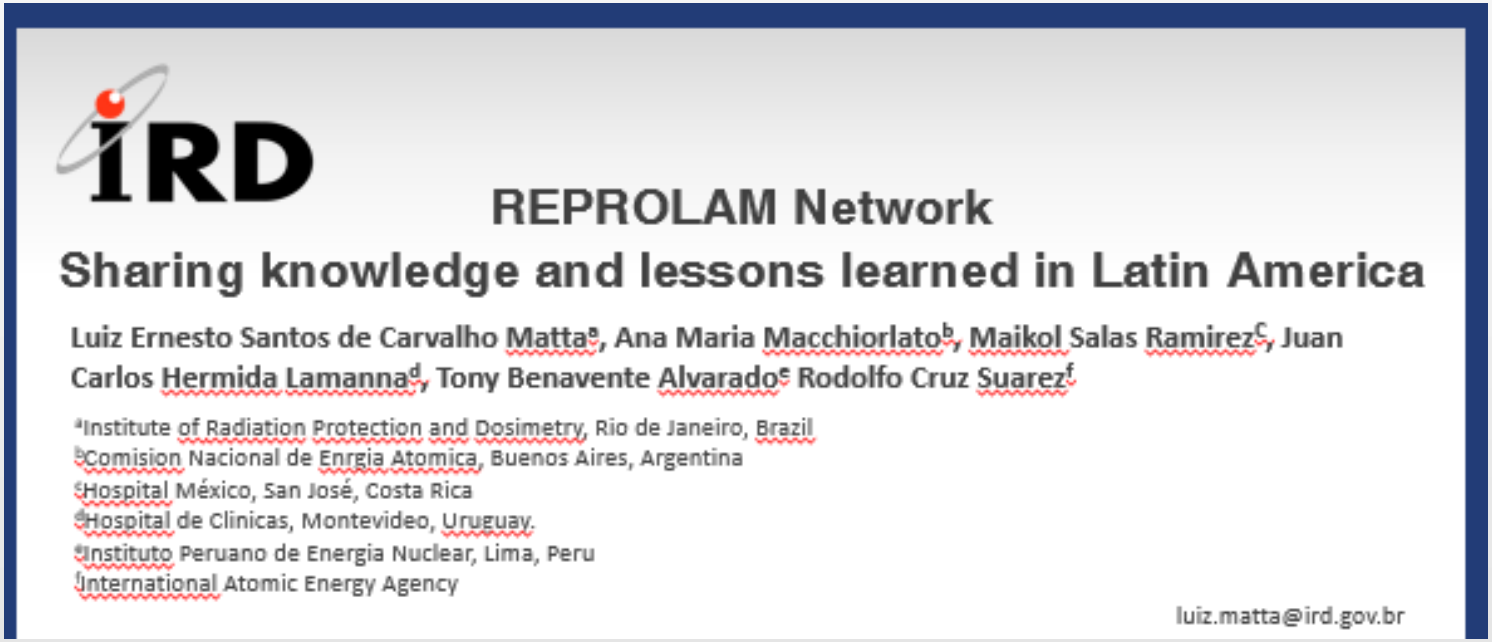

REPROLAM Network

Sharing knowledge and lessons learned in Latin America

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International Conference on Occupational Radiation Protection: Enhancing the Protection of Workers – Gaps, Challenges and Developments
1 - 5 December 2014
Vienna, Austria

REPROLAM - Results

REPROLAM have been working to establish a group of national representatives for each country of the region, actually REPROLAM have eleven representatives (Argentina, Brasil, Bolivia, Chile, Costa Rica, Honduras,
México, Nicaragua, Peru, Uruguay and Venezuela), which have a task to promote the dissemination of the information generated by REPROLAM, nowadays is necessary the network grown up and incorporate new representatives from another countries of the region.

In the year 2013 REPROLAM publishing in his website a translations to Spanish and Portuguese of seven poster (REPROLAM, Posters, 2012) developed by ORPNET (IAEA, Radiation Protection of Workers : Approved Posters, 2011), this poster's were publishing to disseminate basic knowledge about optimization of occupational radiation protection of target areas like Diagnostic Radiology, Industrial Radiography, Nuclear Medicine, Radiotherapy, Industrial Irradiators, Nuclear Gauges and Radioactive Tracers. The use of these poster's have been promote by mail list of professional of radiation protection, in conferences and workshops of occupational radiation protection.

REPROLAM - Results

The activities of REPROLAM in the last year have been to disseminate the observation performed in the Technical Cooperation Project RLA/9/066, with the objective to make known an state of art of the occupational radiation protection in Latin America, this information will be useful for end users of radiation sources, scientific and technical support services and regulatory authorities, to stablish focal points for attending and to know the actual state in each country of the region, actually we are working in the edition of report and we are going to this information to public access in the end of this year.

Among the tasks to be performed in the future are the organization of specific workshops for each target group (end user of radiation sources, scientific and technical support services and regulatory authorities), with the intention to focus the action in the region, and improve the radiation protection condition of the end user of radiation source especially.

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Posters

SPANISH

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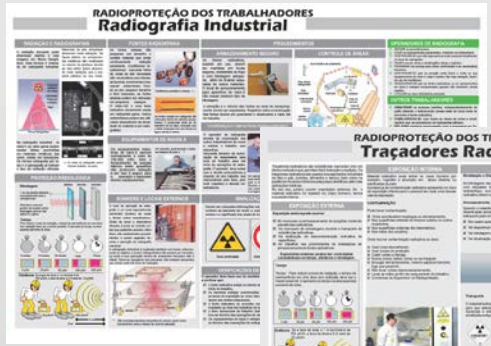
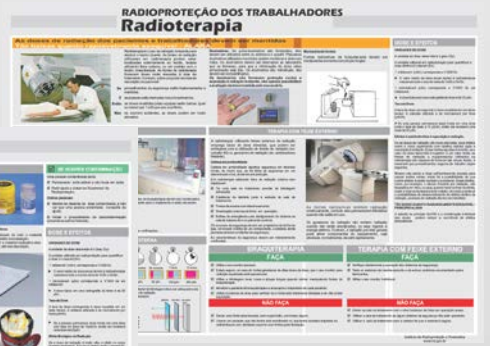
Posters

Portuguese





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Agreement

SBBN Sociedade Brasileira de Biociências Nucleares

Rio de Janeiro, 11 de octubre de 2013.

RED DE OPTIMIZACIÓN DE PROTECCIÓN RADIOLÓGICA
OCUPACIONAL EN LATINOAMERICA (REPROLAM)

At. Dr. Luiz Ernesto Santos de Carvalho Matta
Coordinador REPROLAM

ASSUNTO: Cooperación técnica

Estimado Dr. Luiz Ernesto,

La Sociedad Brasileña de Biociencias Nucleares (SBBN) puede apoyar comercialmente las actividades de REPROLAM a través de un acuerdo de cooperación para recibir los fondos del OIEA (Organismo Internacional de Energía Atómica) y apoyar eventos del REPROLAM.
La SBBN tiene personalidad jurídica, para recepción de estos recursos para su posterior transferencia a la ejecución de las actividades acordadas con el OIEA: CNPJ (Cadastro Nacional da Pessoa Jurídica) 01.690.332/001-36 y conta bancaria 804-3 CAIXA ECONÔMICA FEDERAL agencia 2270 Rio de Janeiro, RJ.
La SBBN tiene acuerdo de cooperación con el Consejo Nacional de Investigaciones del Ministerio de Ciencia y Tecnología (MCTI) - Conselho Nacional de Pesquisas (CNPq) para apoyo del CNPq a los eventos científicos de la SBBN en Brasil.

Muy atentamente,

Silvia Maria Velasques de Oliveira
Presidente da SBBN

Anexos: Estatuto SBBN, 2 Actas (elección del Directorio actual y autorización para la presidente establecer convenios de cooperación) y acuerdo de cooperación MCTI-CNPq

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Agreement with professional-class society: Nuclear Biosciences to receive financial resources and promote techno-scientific activities

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Agreement

Test Event - June 2015

Best practices for handling radionuclides, biosafety and radiological protection in research laboratories with radionuclides and biological agents or animals (8 h)

1. Radionuclides, labeled molecules and applications in research laboratories (2 h);
2. Handling and care of laboratory animals (2 h)
3. Biosecurity notions, working area monitoring and management of radioactive waste: instrumentation and practical aspects (2h)
4. Occupational Control (1 h): external and internal dosimetry.
5. Visit to laboratory: (1 h) teacher develops a practice.

Target population: researchers and graduate students at laboratories in public and private universities.

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- Intercomparison Out-Nov 2015

Radiation Protection Dosimetry (2015), Vol. 163, No. 3, pp. 276–283
Advance Access publication 30 June 2014
doi:10.1093/rpd/ncu202

INTERCOMPARISON 2013 ON MEASUREMENTS OF THE PERSONAL DOSE EQUIVALENT $H_p(10)$ IN PHOTON FIELDS IN THE AFRICAN REGION

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An intercomparison exercise on the measurement of personal dose equivalent $H_p(10)$ was jointly organised by the International Atomic Energy Agency and the Nuclear Research Centre of Algiers through its Secondary Standard Dosimetry Laboratory in the African region. This intercomparison exercise was aimed at verifying the performance of the individual monitoring services of the participants in order to assess their capabilities to measure the quantity $H_p(10)$ in photon (gamma and X ray) fields helping them to comply with dose limitation requirements. The scope of this intercomparison was aimed at passive dosemeters, which determine the personal dose equivalent in photon radiation fields, mainly for thermoluminescence and optically stimulated luminescence dosemeters. Twenty-seven countries from the Africa region and from outside Africa participated in this exercise. The intercomparison protocol, including the preparation of the dosemeters and the irradiation procedures, is described and the results are presented, analysed and discussed.

Major Problems

- NOMINATION OF NATIONAL REPRESENTATIVES
- REPORTING THE CREATION OF THE NETWORK (ONE MORE TIME)
- ENCOURAGE AND MOBILIZE THE COUNTRIES OF THE REGION
- LEGAL AND ADMINISTRATIVE STRUCTURE (LOOKING FOR SELF-SUSTAINING)
- SEARCH FOR SPONSORS

http://reprolam.ird.gov.br/

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