

# **Summary of the 2015 International ISOE ALARA Symposium**

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**IAEA**

International Atomic Energy Agency

# Participation of the symposium

- 67 participants
- From 15 countries or international organizations
- Covering the all TCs
- Colleagues from Argentina, Bangladesh attended the Symposium

# **Presentations, posters and exhibitions**

- **6 themes**
  - **Radiation Protection Management**
  - **Dosimetry and Monitoring**
  - **Radiation Protection & Regulatory issues in Design and Planning Stages**
  - **Source-Term Management**
  - **Radiation Protection in Decommissioning**
  - **Job Specific Experience**

# **Presentations, posters and exhibitions**

- 8 topical sessions + opening and closing sessions
  - 24 oral presentations
  - four apologies, slides included in the pen drive
- Poster session
  - 13 posters
- Exhibition
  - 7 exhibitors
- Technical Tour: Angra NPP (Tommorrow)

# Outcomes (1)

- RP management
  - ISOE activities
  - The systematic ALARA programme in Angra NPP, from RB of Switzerland
  - the specific ALARA experience from Cernavoda
  - Experience from the Regional ALARA networks-REPROLAM
  - RP computer code in NRC
  - In depth analysis on the issue of dose of the lens of the eyes.

# Outcome (2)

- **Radiation dosimetry**
  - In depth analysis for the information of occupational exposure in Korea and in Brazil
  - Issues reflected on RP in NDT, on the design of NPPs
  - Approach for RP of alpha radionuclide in NPP

# Outcome (3)

- Experiences from Brazil on regulatory issues in planning and design stage
- Application of VR in RP in NPPs

# Outcome (4)

- Source term management
  - 7 presentations on the topic
  - Experience from US
  - EDF's specific experience on Ag-110m management
- Decommissioning
  - New area with challenge
  - ALARA for different types at different stages
  - RP Tech.



# MANY THANKS

- **Participants**
- **Speakers and Authors of Posters**
- **Exhibitors**
- **Local organizers:**
  - **Brazilian ISOE National Coordination Centre, the Institute of Radiation Protection and Dosimetry (IRD), the ELETROBRAS ELETRONUCLEAR, Brazilian Radiological Protection Society (SBPR)**
- **Other ISOE TC, NEA**
- **Organization Staff:**
  - **Marcos Amaral, John Hunt and their colleagues**



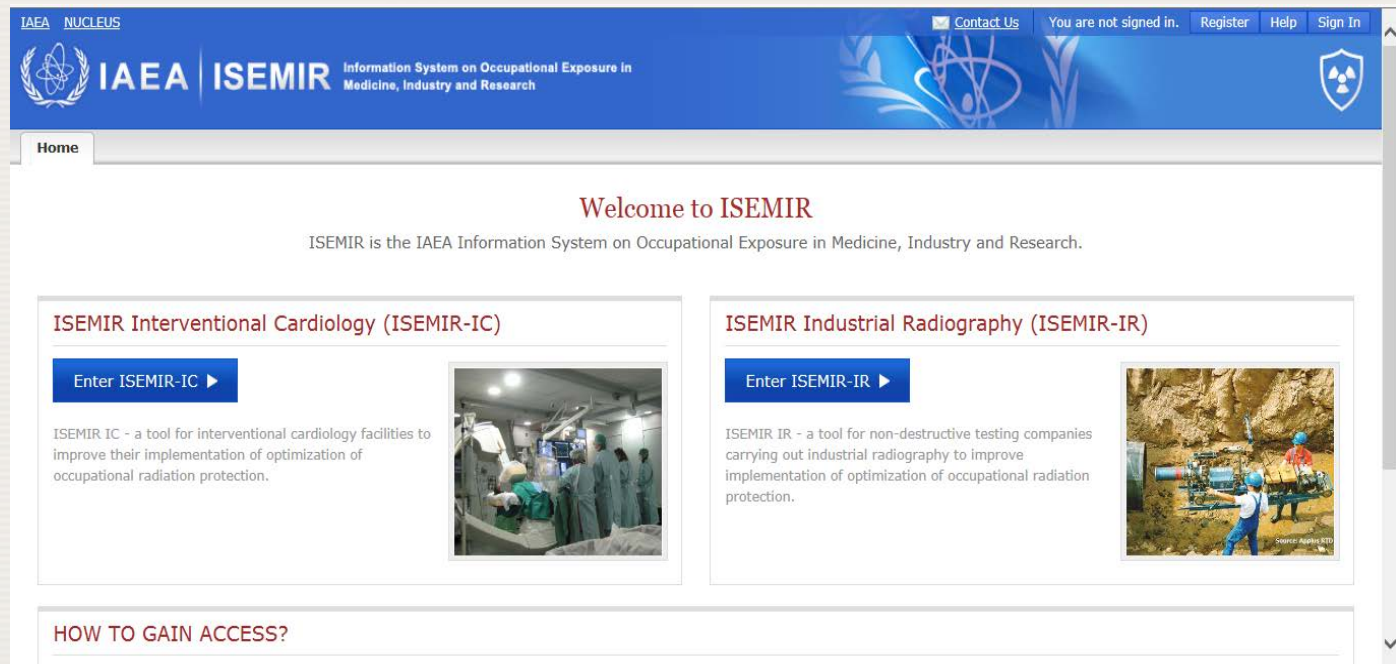
# ISOE meetings/symposia for 2015

- 8-9 June 2015: ISOE WGDECOM meeting (OECD NEA, Paris)
- 9-11 September 2015: 2015 ISOE Asian Symposium (Tokyo, Japan)
- 6-20 November 2015: ISOE meetings (WGDECOM, WGDA, Bureau, Management Board) (IAEA, Vienna)

# NORM VIII

- Eighth International Symposium on Naturally Occurring Radioactive Material-NORM VIII
- Rio de Janeiro, Brazil
- October 17-21, 2016
- Organizer: IRD, CNEN
- Co-sponsor: IAEA

- <https://nucleus.iaea.org/isemir/>



The screenshot shows the ISEMIR website homepage. At the top is a blue header with the IAEA logo and 'NUCLEUS' on the left, and 'Contact Us', 'You are not signed in.', 'Register', 'Help', and 'Sign In' on the right. Below the header is a navigation bar with 'Home' selected. The main content area has a 'Welcome to ISEMIR' heading followed by the text 'ISEMIR is the IAEA Information System on Occupational Exposure in Medicine, Industry and Research.' Below this are two main sections: 'ISEMIR Interventional Cardiology (ISEMIR-IC)' and 'ISEMIR Industrial Radiography (ISEMIR-IR)'. Each section has a blue button labeled 'Enter ISEMIR-IC' or 'Enter ISEMIR-IR' and a descriptive paragraph. The ISEMIR-IC section also includes a photo of medical professionals in an operating room. The ISEMIR-IR section includes a photo of industrial radiography equipment. At the bottom, there is a section titled 'HOW TO GAIN ACCESS?'.

IAEA NUCLEUS

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IAEA ISEMIR Information System on Occupational Exposure in Medicine, Industry and Research

Home

### Welcome to ISEMIR

ISEMIR is the IAEA Information System on Occupational Exposure in Medicine, Industry and Research.

#### ISEMIR Interventional Cardiology (ISEMIR-IC)

Enter ISEMIR-IC ►


ISEMIR IC - a tool for interventional cardiology facilities to improve their implementation of optimization of occupational radiation protection.



#### ISEMIR Industrial Radiography (ISEMIR-IR)

Enter ISEMIR-IR ►

ISEMIR IR - a tool for non-destructive testing companies carrying out industrial radiography to improve implementation of optimization of occupational radiation protection.



#### HOW TO GAIN ACCESS?

- Enjoy the Technical Tour tomorrow!

- Thank you very much!
  - Muito obrigado!
  - Merci beaucoup!
- Have a nice return trip!
- Tenha uma boa viagem!
  - Bon voyage!