

Third African IRPA Regional Congress

On radiation protection



13-17 September 2010, Nairobi, Kenya

2nd Announcement and Call for Abstract

Introduction:

The Eastern Africa Association for Radiation Protection (EAARP) invites you to the 3rd African Regional IRPA congress (AFRIRPA 2010) in Nairobi, Kenya. The previous Regional IRPA congresses were held in South Africa (2003) and Egypt (2007). AFRIRPA 2010 will attract radiation protection professionals; users and manufacturers of radiation technologies; service providers; regulators; governmental, non-governmental and international organizations; and members of the general public. It will provide a platform to share latest scientific updates, current developments, and future trends in radiation technology and radiation protection.

Theme:

"Strengthening Radiation Protection Infrastructures in Africa: Towards Establishing Effective and Sustainable Co-operations and Networks".

Language:

The official language of the congress will be English.

Topics:

- A. Developments in Radiation Protection Paradigm**
 A1: Scope of radiation protection (patients, occupational, public and environmental);
 A2: Implementation of the new ICRP recommendations;
 A3: The BSS under revision;
 A4: Challenges of implementing non ionizing radiation protection;
 A5: Biological effects of radiation (molecules, cells, tissues & organs; effects on embryo/fetus)
 A6: Radio-epidemiological studies (including studies in high background radiation areas)
 A7: Dosimetry (computational & exptal; external, internal, and biological dosimetry);

B. Development of Radiation Protection Infrastructure (policies, legal framework, regulatory systems, culture, methods);

- B1: Stakeholders engagements experience;
 B2: Education, training, professionalism, accreditation and networking in radiation protection;
 B3: Development of National and Regional RP infrastructures;
 B4: Safety and security of radiation sources;
 B5: Emergency planning, preparedness, response, aftermath & recovery (in nuclear, industrial and medical applications – including experience from reported accidents and incidents involving the use of ionizing radiation in Africa);

C. Radiation Protection Practices (RPP)

- C1: RPP in Nuclear Industry** (Nuclear energy renaissance; Nuclear Regulation (Challenges of managing independent and effective Nuclear Regulatory Authorities in Africa);
C2: RPP involving NORM and consequences of environmental radioactivity in mining, milling and processing of uranium and other minerals; Oil and gas production; Radon in workplaces and homes; Radiation in the environment (cycles, processes/interactions and application to environmental and global climate change studies).

..... topics continued

- C3: RPP in Medicine** (Management of medical exposures; Radiation protection of patients (diagnostic radiology, interventional radiology, nuclear medicine and radiotherapy, radiation protection in pediatric health care, etc.);
C4: RPP in Non Ionising Sources and Practices (Sources and characteristics of EMF; International activities on RP in NIR; Dosimetry of NIR; Biological and epidemiological studies)
C5: RPP in other situations and practices (transport of radioactive materials; industrial and research applications; other human imaging applications not aimed at diagnosis or treatment, e.g. human screening at ports, scanning of baggage and cargo, age determination, detection of drugs in-vivo in human, etc.; in-flight exposures of aircrews (due to cosmic radiation, transport of radiation sources); and in space travel).

Venue:

The Kenyatta International Conference Centre (KICC)



Call for abstract:

Abstracts are invited (in English language) on any of the congress topics. It must be 250 – 500 words in length.

Visit www.eaarp.or.ke/afirpa2010/index.html and follow instructions on how to submit abstract.

Congress structure:

Comprises Oral and poster presentations, general plenary sessions for issues of general interests, including discussions on (four) pre-IRPA-13 topics, international organization forum, the associated society forum, refresher courses and workshops.

Important Dates

- 31 Oct. 2009** – 2nd Announcement & call for abstract;
31 March 2010 – Abstract submission deadline;
31 May 2010 – Communication of abstract acceptance;
30 June 2010 – Deadline for early registration & application for congress attendance grant;
31 July 2010 – Full paper submission;
13-17 Sept. 2010 – AFRIRPA 2010

Sponsoring organizations:



Registration:

Participants can fill and submit a complete registration form online, visit www.eaarp.or.ke/afirpa2010/index.html

Description	Delegates registration fees	
	Early Registration Payment before 30 June 2010	Late Registration Payment after 30 June 2010
Delegate	US\$ 500	US\$ 650
Accompanying persons	US\$ 200	US\$ 200
Refresher course (each)	US\$ 20	US\$ 30
Workshop (each)	US\$ 30	US\$ 45

Attendance grant:

The AFRIRPA2010 organizers are deliberating with the relevant organizations for financial support to facilitate attendance of some delegates. Such funds are normally limited and will be restricted to the most deserving cases. To apply for the grant, please complete the grant application form that will soon be available on the congress website.

Local organizing committee (LOC)

- Mustapha A. O. – UNAAB;
 Maina David M. – Uni Nairobi;
 Kalambuka Angeyo H. – Uni Nairobi;
 Masiza Stanislaus A. – KEBS;
 Koteng Arthur – RPB;
 Otwoma David – NCST;
 Onyatta John – NCST;
 Barare Ceasar – KNH;
 Chumba Keter – RPB;
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 Akimotola A. – Makerere Uni;
 Muhogora W. – TAEC Tanzania
- Kulab Abdalab – Ministry of Roads;
 Ndonye Philip – KNH;
 Wambani Sidika – KNH;
 Onyango Paul – ILRI;
 Onyango Simon – BAT;
 Hashim Nadir – Kenyatta University;
 Mangala Michael J. – Uni Nairobi;
 Karuri E.G. – Uni Nairobi;
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 Gatarai M.J. – Uni Nairobi;
 Wachira John – Nairobi Hospital;
 Munyi Jane – Kenya Airways;

International Scientific Programme Committee

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 Ghassoun Jllhali – FSSM, Morocco
 Osei K. E. – Grand River, Canada
 – ICRP
 – UNSCEAR
 – UNIP
 – ICNIRP

Contact: For information on participation, event sponsorship, exhibition, registration, grant application, etc. contact:

Amidu O. Mustapha or James Chumba Keter
 EAARP (eaarp@yahoo.co.uk)

David Muriuki
info.afirpa2010@eaarp.or.ke

Organized by:



Eastern Africa Association for Radiation Protection (EAARP)

Co-hosts:



National Council for Science & Technology

In collaboration with:

