

ICRP 2013

2nd International Symposium on the System of Radiological Protection

October 22-24, 2013
Abu Dhabi, UAE

Sessions on:
Post-Accident Recovery - Medicine - NORM - Environment - Tissue Reactions

ICRP
International Commission
on Radiological Protection

FANR
الهيئة الاتحادية للرقابة النووية
FEDERAL AUTHORITY FOR NUCLEAR REGULATION



ICRP2013 Symposium Programme

Tuesday October 22, Morning Opening session

Welcome and Introductions
ICRP Past, Present and Future
The ICRP Programme of Work

Tuesday October 22, Afternoon Tissue reactions: The road from science to protection

Short presentations followed by a panel discussion

Co-chairs: **Bill Morgan** (ICRP C1 Chair, Pacific Northwest National Laboratory, USA)
Zhanat Carr (World Health Organisation)

Shinichiro Miyazaki (World Nuclear Association)
General tissue reactions and implications for radiation protection

Jolyon Hendry (former ICRP C1, UK)

Wolfgang Doerr (ICRP C1, Medical University of Vienna, Austria)
Radiobiology of tissue reactions

Simon Bouffler (ICRP C1, Public Health England, UK)
The lens of the eye, exposures in the UK medical sector and mechanistic studies of radiation effects

Wesley Bolch (ICRP C2, University of Florida, USA)
Dosimetric models of the eye and eye lens and their use in assessing dose coefficients for ocular exposures

Miroslav Pinak (International Atomic Energy Agency)
Implementation for lens of the eye limit

Eliseo Vaño (ICRP C3 Chair, Complutense University, Spain)
Medical implications in imaging

Laurence Daur (ICRP C3, Memorial Sloan-Kettering Cancer Center, USA)
Medical implications in radiotherapy

Speaker tbd from the International Radiation Protection Association

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Wednesday October 23, Morning

Advances in recovery preparedness and response following Fukushima

Co-chairs: **Jacques Lochard** (ICRP C4 Chair, Institute for Radiological Protection and Nuclear Safety, France)
Ryugo Hayano (University of Tokyo, Japan)

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Engaging with local stakeholders: Some lessons from Fukushima for recovery

Michiaki Kai (ICRP C4, Japan Atomic Energy Agency, Japan)

Experience and current issues from the Fukushima accident with recovery management

Anne Nisbet (ICRP C4, Public Health England, UK)

Decision making for late phase recovery from nuclear or radiological incidents: New guidance from NCRP

Jean-Christophe Niel (Nuclear Safety Authority, France)

The French policy for managing long term contaminated territories in the event of a nuclear accident

Wednesday October 23, Afternoon

NORM issues in the real world

Co-chairs: **Donald Cool** (ICRP C4 Vice-chair, Nuclear Regulatory Commission, USA)
Bakheet Salem Al-Ameri (Abu Dhabi National Oil Company, UAE)

Donald Cool (ICRP C4 Vice-chair, Nuclear Regulatory Commission, USA)

Review of the ICRP system, in particular the approach to existing exposure situations

Jean-François Lecomte (ICRP C4 Secretary, Institute for Radiological Protection and Nuclear Safety, France)

Application of the Commission's recommendations to naturally occurring radioactive materials

John Loy (Federal Authority for Nuclear Regulation, UAE)

What should a radiation regulator do about NORM?

Doug Chambers (ICRP C2, SENES, Canada)

Radiological protection in North American NORM industries

Hazem Abuahmad (Abu Dhabi National Oil Company, UAE)

Construction of a NORM project in the BeAAT Hazardous Waste Facilities

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Thursday October 24, Morning

What do we need from ICRP in medicine?

Co-chairs: **Eliseo Vaño** (ICRP C3 Chair, Complutense University, Spain)
Jamila Salem Al Suwaidi (Dubai Health Authority, UAE)

John Harrison (ICRP C2 Chair, Public Health England UK) and **Pedro Ortiz** (ICRP C3, Austria)
Effective dose in medicine

Madan Rehani (ICRP C3 Secretary, Austria)
Patient dose management in CT and CBCT

John Boice (ICRP Main Commission, National Council on Radiation Protection and Measurements, USA)
Paediatric CT and recent epidemiological studies

Jamila Salem Al Suwaidi (Dubai Health Authority, UAE)
Digital and interventional radiology: Patient dose registries and Diagnostic Reference levels

Ahmed M. Alenezi (Prince Sultan Military Medical City, Riyadh, Saudi Arabia)
PET-CT challenges in radiological protection

Maria Perez (World Health Organisation)
Referral criteria and clinical decision support: Radiological protection aspects for justification

Thursday October 24, Afternoon

The ICRP approach to environmental radiation protection: issues and application

Co-chairs: **Carl-Magnus Larsson** (ICRP C5 Chair, Australia)
Jacques Repussard (Institute for Radiological Protection and Nuclear Safety, France)

Jan Pentreath (former ICRP C5 Chair, UK)
Application of the ICRP system for environmental protection to planned, existing and emergency exposure situations

Jacqueline Garnier-Laplace (ICRP C5, Institute for Radiological Protection and Nuclear Safety, France)
Establishing relationships between environmental exposures to radionuclides and their consequences for wildlife: inferences and weight of evidence

Kathryn Higley (ICRP C5 Vice-chair, Oregon State University, USA)
Fundamental issues associated with understanding exposures and effects in reference animals and plants

Ashraf Al Cibahy (Environment Agency of Abu Dhabi, UAE)
Marine biodiversity in the UAE

Diego Telleria (International Atomic Energy Agency)
Use of the ICRP system for protection of marine ecosystems

Jordi Vives i Batlle (ICRP C5, Study Centre for Nuclear Energy, Belgium)
Modelling marine exposures and effects after the Fukushima Daiichi nuclear accident