

**UAE 2ND
RADIATION
PROTECTION
WEEK**

13-16 MARCH 2023
ABU DHABI, UAE



Session 1: Radiation Protection and Nuclear Power

8:00 - 9:00	Participants' Registration and Open Breakfast	
9:00 - 9:15	FANR Welcome <i>Raoul Awad & Aayda Al Shehhi</i>	
9:15 - 9:30	ICRP Welcome <i>Werner Rühm</i>	
9:30 - 9:45	Conference Opening <i>Session Chair: Aayda Al Shehhi (FANR)</i>	
9:45 - 10:05	Experience From the First Years of Operation of Nawah Barakah Nuclear Power Plants and the First Refueling Operation <i>Hussain Al Mazmi (NAWAH)</i>	
10:05 - 10:25	ICRP's Guidance on Radiological Protection in Nuclear Power Plants <i>Donald Cool (ICRP)</i>	
10:25 - 10:55	Break and Networking	
10:55 - 11:15	Regulatory Oversight at Barakah Nuclear Power Plant <i>Sana Bilal (FANR)</i>	
11:15 - 11:35	Development of Nuclear Energy in Saudi Arabia and Aspects of Radiation Protection in Nuclear Power Plants <i>Misfer Abdullah Z A Drees (NRRC)</i>	
11:35 - 11:55	Current Challenges in Radiation Protection at Chinese Nuclear Power Plants <i>Senlin Liu (ICRP)</i>	
11:55 - 12:15	Lessons for Emergency and Recovery Preparedness From Japan <i>Michiaki Kai (ICRP)</i>	
12:15 - 13:30	Prayer and Lunch Break	
13:30 - 14:30	Cytodosimetry and Biological Dosimetry <i>Chair: Ali Al Remeithi (FANR)</i> <i>Speaker: Andrzej Wojcik (ICRP)</i>	
14:30 - 15:30	Panel Discussion: How can the UAE Contribute to International Research in Radiation Protection for Nuclear Facilities? <i>Chair: Anthony Hechanova (ADPoly)</i> <i>Panellists: Hussain Al Mazmi (NAWAH) Francois Foulon (KU)</i> <i>Donald Cool (ICRP) Andrzej Wojcik (ICRP)</i> <i>Sana Bilal (FANR) Senlin Liu (ICRP)</i> <i>Misfer Abdullah Z A Drees (NRRC) Michiaki Kai (ICRP)</i> <i>Bassam Abdullah Ayed Khuwailek (UoS)</i>	
15:30 - 16:30	Break and Networking	

Session 2: Review of the System of Radiological Protection

9:00 - 9:15	Welcome and Opening <i>Session Chair: Buthaina Al Ameri (FANR)</i>	
9:15 - 9:45	Review and Revision of the System of Radiological Protection <i>Christopher Clement (ICRP)</i>	
9:45 - 10:15	Challenges in the Review of the ICRP System: Radiation Effects <i>Dominique Laurier (ICRP)</i>	
10:15 - 10:45	Break and Networking	
10:45 - 11:15	Challenges in the Review of the ICRP System: Doses From Radiation Exposure <i>François Bochud (ICRP)</i>	
11:15 - 11:45	Challenges in the Review of the ICRP System: Radiological Protection in Medicine <i>Kimberly Applegate (ICRP)</i>	
11:45 - 12:15	Challenges in the Review of the ICRP System: Application of the Commission's Recommendations <i>Thierry Schneider (ICRP)</i>	
12:15 - 13:30	Prayer and Lunch Break	
13:30 - 14:30	Low Dose Radiation Effects Research <i>Chair: Fatima Al Tamimi (NAWAH)</i> <i>Speaker: Dominique Laurier (ICRP)</i>	
14:30 - 15:30	Panel Discussion: How can the UAE Contribute to the Review of the System of Radiological Protection? <i>Chair: Samar Elfarra (HCT)</i> <i>Panellists: Christopher Clement (ICRP) Thierry Schneider (ICRP)</i> <i>Werner Rühm (ICRP) Dejan Trifunovic (FANR)</i> <i>Dominique Laurier (ICRP) Saeed Al Ameri (KU)</i> <i>Kimberly Applegate (ICRP) Dalal Al Shamsi (UAEU)</i>	
15:30 - 16:30	Break and Networking	

Session 3: Radiation Protection and Veterinary Medicine

9:00 - 9:15	Welcome and Opening <i>Session Chair: Fawzeyya Al Marzooqi (FANR)</i>
9:15 - 9:45	The ICRP Approach on Radiological Protection of Animals, Plants, and Ecosystems <i>Nicole Martinez (ICRP)</i>
9:45 - 10:15	Challenges in Radiation Protection of Animals in Veterinary Medicine <i>Nicole Martinez (ICRP)</i>
10:15 - 10:45	Break and Networking
10:45 - 11:15	Practical Experience in Radiation Protection of Horses <i>David Carnicer & Hesa Aldahel (Dubai Equine Hospital)</i>
11:15 - 11:45	Practical Experience in Radiation Protection of Falcons <i>Fahad Al Badi (Abu Dhabi Falcon Hospital)</i>
11:45 - 12:15	Regulatory Oversight of Radiation Protection in Veterinary Practice in the UAE <i>Buthaina Al Ameri (FANR)</i>
12:15 - 13:30	Prayer and Lunch Break
13:30 - 14:30	Ethical Basis of the System of Radiological Protection <i>Chair: Meera Alshoukari (FANR)</i> <i>Speakers: Kunwoo Cho (ICRP) Kimberly Applegate (ICRP)</i> <i>Nicole Martinez (ICRP) Labeeb Bsoul (KU)</i>
14:30 - 15:30	Panel Discussion: How can the UAE Contribute to International Research in Veterinary Medicine? <i>Chair: Aayda Al Shehhi (FANR)</i> <i>Panellists: Nicole Martinez (ICRP) Buthaina Al Ameri (FANR)</i> <i>Hesa Aldahel (DEH) Kunwoo Cho (ICRP)</i> <i>Fahad Al Badi (ADFH) Kimberly Applegate (ICRP)</i> <i>Kaltham Al Hussain Kayaf (MOCCA) Labeeb Bsoul (KU)</i>
15:30 - 16:30	Break and Networking
19:00 - 22:00	GALA DINNER

Session 4: Radiation Protection and Space

9:00 - 9:15	Welcome and Opening <i>Session Chair: Francesco Arneodo (NYU)</i>
9:15 - 9:45	Challenges in Calculating Radiation Exposure of Astronauts and Space Tourists <i>Werner Rühm (ICRP)</i>
9:45 - 10:15	Radiation Environments We Face in Space <i>Mark Shavers (NASA)</i>
10:15 - 10:45	Break and Networking
10:45 - 11:15	The UAE Space Programme <i>Mohsen Al Awadhi (UAESA)</i>
11:15 - 11:45	Looking Forward to Radiation Protection Challenges in Human Spaceflight <i>Mark Shavers (NASA)</i>
11:45 - 12:15	Radiation Protection of the Aircrew During Flight: Experience of an Air Carrier <i>Franco Azzopardi (Etihad Airways)</i>
12:15 - 13:30	Prayer and Lunch Break
13:30 - 14:30	The Work of UNSCEAR and its Impact in Various Aspects of Radiological Protection <i>Chair: Salama Al Mansoori (FANR)</i> <i>Speaker: Ferid Shannoun (UNSCEAR)</i>
14:30 - 15:30	Panel Discussion: How can the UAE Contribute to International Research in Radiation Protection in Space? <i>Chair: Ahmad Al Akbari (FANR)</i> <i>Panellists: Werner Rühm (ICRP) Ferid Shannoun (UNSCEAR)</i> <i>Mark Shavers (NASA) Franco Azzopardi (Etihad Airways)</i> <i>Mohsen Al Awadhi (UAESA)</i>
15:30 - 16:00	Break and Networking
16:00 - 17:00	Conference Closing <i>Speakers: Raoul Awad (FANR) Werner Rühm (ICRP)</i> <i>Aayda Al Shehhi (FANR) Christopher Clement (ICRP)</i>

VENUE

Abu Dhabi National Exhibition Centre (ADNEC)

Conference Hall B, Capital Suite 6
Al Khaleej Al Arabi St
Al Rawdah, Al Ma'arid
Abu Dhabi, United Arab Emirates

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