

ICRP 2025

**8TH INTERNATIONAL SYMPOSIUM ON THE
SYSTEM OF RADIOLOGICAL PROTECTION**

Hosted By:



الهيئة الاتحادية للرقابة النووية
Federal Authority for Nuclear Regulation



Advancing Radiological Protection: Innovation, Integrity, Sustainability

SYMPOSIUM PROGRAMME

25 September 2025

[ICRP2025.COM](https://www.icrp2025.com)

PROGRAMME AT A GLANCE

GST	Monday 6 October	Tuesday 7 October	Wednesday 8 October			Thursday 9 October		
8:30								
9:00		<div>Session 1</div> <div>Welcome & Bo Lindell Lecture</div>	<div>Session 5</div> <div>Effects I</div>	<div>Session 6</div> <div>Environment</div>	<div>Session 7</div> <div>Dosimetry I</div>	<div>Session 17</div> <div>RP Concepts III</div>	<div>Session 18</div> <div>Highlight I</div>	<div>Session 19</div> <div>Applications I</div>
9:30								
10:00								
10:30								
11:00								
11:30		<div>Coffee Break</div> <div>10:30 - 11:00</div>	<div>Coffee Break</div> <div>10:30 - 11:00</div>			<div>Coffee Break</div> <div>10:30 - 11:00</div>		
12:00		<div>Session 2</div> <div>Review & Revision of the System of Radiological Protection</div>	<div>Session 8</div> <div>Effects II</div>	<div>Session 9</div> <div>Medical I</div>	<div>Session 10</div> <div>Dosimetry II</div>	<div>Session 20</div> <div>RP Concepts IV</div>	<div>Session 21</div> <div>Highlight II</div>	<div>Session 22</div> <div>Applications II</div>
12:30								
13:00								
13:30								
14:00								
14:30		<div>Lunch Break</div> <div>12:30 - 14:00</div>	<div>Lunch Break</div> <div>12:30 - 14:00</div>			<div>Lunch Break</div> <div>12:30 - 14:00</div>		
15:00		<div>Session 3</div> <div>Finalists for the Cousins Award for Young Scientists and Professionals</div>	<div>Session 11</div> <div>Effects III</div>	<div>Session 12</div> <div>Medical II</div>	<div>Session 13</div> <div>RP Concepts I</div>	<div>Session 23</div> <div>RP Ethics I</div>	<div>Session 24</div> <div>Highlight III</div>	<div>Session 25</div> <div>Applications III</div>
15:30								
16:00								
16:30								
17:00								
17:30		<div>Coffee Break</div> <div>15:30 - 16:00</div>	<div>Coffee Break</div> <div>15:30 - 16:00</div>			<div>Coffee Break</div> <div>15:30 - 16:00</div>		
18:00		<div>Session 4</div> <div>Sustainability & Vancouver Call for Action</div>	<div>Session 14</div> <div>Emerging Experts</div>	<div>Session 15</div> <div>Medical III</div>	<div>Session 16</div> <div>RP Concepts II</div>	<div>Session 26</div> <div>RP Ethics II</div>	<div>Session 27</div> <div>Highlight IV</div>	<div>Session 28</div> <div>Applications IV</div>
18:30								
19:00								
19:30								
20:00								
20:30		<div>Gala Dinner & Awards</div>						
21:00								

TUESDAY 7 OCTOBER 2025

08:30 - 10:30 Session 1: Welcome & Bo Lindell Lecture

Moderator: Christopher Clement (ICRP, Canada)

Welcome Remarks
HE Hamad Al Kaabi & Christer Viktorsson (FANR, UAE)

Welcome and Opening Presentation: ICRP Priorities
Werner Rühm (ICRP/BfS, Germany)

Bo Lindell Lecture Introduction & Medal Ceremony
Werner Rühm (ICRP/BfS, Germany)

Enhancing Radiological Protection Through Computational Phantom Evolution:
Past, Present, and Future
Yeon Soo Yeom (ICRP/Yonsei University, Korea)

Q&A

10:30 - 11:00

Coffee Break & Poster Session

11:00 - 12:30

Session 2: Review & Revision of the System of Radiological Protection

Co-chairs: Werner Rühm (ICRP/BfS, Germany) & Hildegard Vandenhove (IAEA)

Rapporteur Summary

Luana Hafner (ENSI, Switzerland)

Overview of Review and Revision of the System of RP

Christopher Clement (ICRP, Canada)

Q&A

Areas of Likely Evolution and Stability

Committee 1: Effects

Dominique Laurier (ICRP/ASNR, France)

Committee 2: Dosimetry

François Bochud (ICRP/University of Lausanne, Switzerland)

Committee 3: Medicine

David Sutton (ICRP/University of Dundee, UK)

Committee 4: Application

Thierry Schneider (ICRP/CEPN, France)

Q&A

ID
33

Review & Revision of the System of Radiological Protection: Implementation of IAEA Safety Standards in Member States – Call for Stability and Consistency of the System of Radiological Protection

Miroslav Pinak (IAEA)

Conclusions

12:30 - 14:00

Lunch Break

14:00 - 15:30

Session 3: Finalists for the Cousins Award for Young Scientists and Professionals

Co-chairs: Nicole Martinez (ICRP/Clemson University, USA) & Hafsa Essop (2023 Cousins Award Recipient & ICRP TG 123 Mentee, South Africa)

Opening and Introduction

Presentations by Finalists

ID
39

Deep Learning-Based Synthetic CT Generation from MRI and CBCT for Dose-Efficient and Adaptive Radiotherapy Workflows

Aliaksandr Miadzvetki (ICRP TG 116 Mentee, Belarus)

14:00 - 15:30

Session 3: Finalists for the Cousins Award for Young Scientists and Professionals (cont.)

ID
242

Rapid C-banding for Dicentric Chromosome Detection and Biological Dosimetry
Donovan Anderson (Hirosaki University, Japan)

ID
45

Brain CancEr risk in joint cOhort of MEdical Workers Exposed to Ionizing Radiation in France, USA and Korea (BECOME)

Altay Myssayev (ICRP TG 126 Mentee, Spain)

ID
127

Language in the System - a 'Telephone Game' Effect?

Sannah van Balen (ICRP TG 124 Mentee, UK)

Closing

15:30 - 16:00

Coffee Break & Poster Session

16:00 - 17:30

Session 4: Sustainability & Vancouver Call for Action

Co-chairs: Werner Rühm (ICRP/BfS, Germany) & Andy Mayall (ICRP/Environment Agency, UK)

Rapporteur Summary

Lynn MacDonald (RSIC, Canada)

ID
23

IRPA Feedback on Response to the Vancouver Call for Action

Claire-Louise Chapple (IRPA)

ID
194

IAEA Role in Building Competence

Hildegard Vandenhove (IAEA)

ID
212

Sustainability and Radiation Safety - Two Sides of the Same Coin

Anna Clark (IAEA)

ID
118

Transport of Radioactive Materials: Emerging Considerations for the ICRP System of Radiological Protection

Peter Bryant (ICRP/WNTI)

Feedback from the Joint ICRP-WNA Workshop on "Enabling Sustainable Development Through the System of Protection: Practicality and Alignment"

Josip Zic (World Nuclear Association RPWG) & Sameh Melhem (World Nuclear Association)

Conclusions

09:00 - 10:30

Session 5: Effects I

Bill Morgan Memorial Lecture • Effects Overview • Radiation Detriment

Co-Chairs: Dominique Laurier (ICRP/ASNR, France) & Preetha Rajaraman (ICRP/RERF, Japan)

Rapporteur Summary

Ghaya Al Ali (FANR, UAE)

Bill Morgan Memorial Lecture

Gayle Woloschak (ICRP/Northwestern University, USA)

ID
22

Contribution of the Genetic Background to Individual Response to Radiation: Comparative Analysis of Early Toxicities in Patients who Received Two Independent Radiotherapies

Andrzej Wojcik (ICRP/Stockholm University, Sweden)

ID
95

Calculation of Disability-Adjusted Life Years (DALYs) of Radiation Exposure Based on the Method for the Radiation Detriment

Tatsuki Kimura (CRIEPI, Japan)

Advancing Health Research Through the Adverse Outcome Pathway Framework
George Vardoulakis (OECD-NEA)

Conclusions

Session 6: Environment

Evolution of RAPs & DCRLs • Ecosystem Services • Practical Application

Co-Chairs: Jason Harris (ICRP/Purdue University, USA) & Marie Simon-Cornu (ICRP/ASNR, France)

Rapporteur Summary

Ayesha Al Shouq (FANR, UAE)

Considering the Environment When Applying the System of Radiological Protection: Evolving the Approach

Andy Mayall (ICRP/Environment Agency, UK)

ID
229

Bees as an Example for Operationalizing an Ecosystem Services Approach into Environmental Radiological Protection: Updates from TG 125

Analia Canoba (ICRP/ARN, Argentina)

ID
274

Why Are We Interested in Radiation Effects in Animals? A Comparison of Considerations in Radiobiology, Radioecology, and Veterinary Medicine

Nicole Martinez (ICRP/Clemson University, USA)

ID
19

Data Base of Radioecological Parameters for Arid Environments
Natalia Semioshkina (RadCon GmbH, Germany)

Conclusions

Session 7: Dosimetry I

Occupational & Public • Medical • Emergency

Co-Chairs: François Bochud (ICRP/University of Lausanne, Switzerland) & Abdulsalam Alhawsawi (NRRRC, Saudi Arabia)

Rapporteur Summary

Yumi Lee (ICRP TG 113 Mentee, Korea)

Computed Dosimetry

Filip Vanhavere (ICRP/SCK-CEN, Belgium)

ID
24

Practical Implementation of the New Dose Coefficients: The Case of OIR

François Paquet (ICRP/ASNR, France)

ID
16

The Future ICRP Pregnancy Phantoms
Bangho Shin (ICRP/University of Florida, USA)

International Phantoms

Liye Liu (ICRP/CIRP, China)

Dose Coefficients for Medical Computer Tomography

Choonsik Lee (ICRP/US National Cancer Institute, USA)

Conclusions

10:30 - 11:00

Coffee Break & Poster Session

11:00 - 12:30

Session 8: Effects II

Low Dose & Dose Rate • High Background Areas

Co-Chairs: David Richardson (ICRP/University of California, USA) & Qingjie Liu (CDC, China)

Rapporteur Summary

Lourdes Cruz-Garcia (UKHSA, UK)

Studies of Health Effects in Population Living in HBRA Yangjiang, China

Quanfu Sun (ICRP/NIRP, China)

ID
90

IAEA Technical Meeting on Radiation Protection and Safety in High Natural Background Radiation Areas: Key Outcomes and Conclusions

Laura Urso (IAEA)

Million Person Study

Kathryn Higley (Oregon State University/ NCRP, USA)

ID
154

Work in Progress of Working Groups of PLANET in Japan

Masanori Tomita (CRIEPI, Japan)

ID
4

Effects of Dose and Dose Rate on the Risk of Solid Cancer

Werner Rühm (ICRP/BfS, Germany)

Conclusions

Session 9: Medical I

Optimisation in Imaging • Imaging in Radiotherapy • Recurrent Imaging

Co-Chairs: Sebastien Gros (ICRP/Loyola University Medical Center, USA) & Khalifa Al Kaabi (Tawam Hospital, UAE)

Rapporteur Summary

Buthaina Al Ameri (ICRP TG 116 Mentee/ FANR, UAE)

The Role of Image Quality in Optimization for Imaging

Mika Kortensniemi (ICRP/Helsinki University Hospital, Finland)

Radiation Oncologist Perspective on Challenges with Imaging Dose Optimization in RT

Nadeem Pervez (GICC, UAE)

Recurrent Imaging and Adaptive Radiation Therapy (ART)

Ivan Williams (ICRP/ARPANSA, Australia)

ID
20

DRLs for CBCT Optimization

Parham Alaei (University of Minnesota, USA)

ID
5

Smarter Scans, Safer Patients: AI-Driven Imaging Dose Optimization

John Damilakis (ICRP/University of Crete, Greece)

ID
65

Balancing Accuracy and Exposure Toward Optimized Use of Daily kV-CBCT in IGRT

Zakiya Al-Rhabi (ICRP TG 116 Mentee, Oman)

Conclusions

Session 10: Dosimetry II

Environmental Protection • Operational Quantities

Co-Chairs: François Paquet (ICRP/ASNR, France) & Samia Abdul Aziz Mohamed (FANR/ GULFMET, UAE)

Rapporteur Summary

Ji Won Choi (ICRP TG 113 Mentee, Korea)

ICRU Report 95 – The Way to go in Operational Radiological Protection

François Bochud (ICRP/University of Lausanne, Switzerland)

Controversies Surrounding the ICRU 95 Report

Markus Figel (Mirion Medical GmbH, Germany)

A Visual-aided Monte Carlo Simulation Code for External Exposure

Hyeonil Kim (ICRP TG 103 Mentee, Korea)

ID
128

IAEA-Coordinated Research on External Dosimetry for Terrestrial Wildlife

Alexander Ulanowski (ICRP/IAEA)

Panel Discussion

Conclusions

12:30 - 14:00

Lunch Break

14:00 - 15:30

Session 11: Effects III

ICRP/UNSCEAR Collaboration

Co-Chairs: Gayle Woloschak (ICRP/ Northwestern University, USA) & Carol Robinson (ICRP/DSA, Norway)

Rapporteur Summary

Ämilie Degenhardt (ICRP/BfS, Germany)

UNSCEAR and ICRP Collaboration with focus on Circulatory Diseases

Tiberio Cabianca (UNSCEAR) & Dominique Laurier (ICRP/ASNR, France)

CanEpi Report Collaboration

David Richardson (ICRP/University of California, USA)

ID 7

Cancer Detriment Review by TG 122

Richard Wakeford (ICRP/The University of Manchester, UK)

ID 10

Radiation and the (Lens of the) Eye

Liz Ainsbury (ICRP/UKHSA, UK)

Conclusions

Session 12: Medical II

Proton and Heavy Ion Therapy • Emerging Therapies • Second Primary Cancer

Co-Chairs: David Sutton (ICRP/University of Dundee, UK) & Mohammed Tahlak (CCAD/ EMPS President, UAE)

Rapporteur Summary

Zakiya Al-Rhabi (ICRP TG 116 Mentee, Oman)

ID 266

Second Primary Cancer Following Radiotherapy - A Comprehensive Evaluation by UNSCEAR

Wesley Bolch (University of Florida, USA)

Emerging Trends in External Beam Therapy

Ivan Williams (ICRP/ARPANSA, Australia)

Emerging Trends in Internal Radionuclide Therapies

Makoto Hosono (ICRP/Kindai University, Japan)

ID 48

Authorizing the First Proton Therapy Center in Saudi Arabia

TBC

Rationale and Clinical Utility of Carbon Ion Radiation Therapy

Fady Geara (CCAD, UAE)

Progress of TG 113 on CT Dose Coefficients for Pregnant Women

Yeon Soo Yeom (ICRP/YU, Korea)

Conclusions

Session 13: RP Concepts I

Justification & Optimisation of Protection

Co-Chairs: Nobuhiko Ban (ICRP/NRA, Japan) & Helene Jönsson (SSM, Sweden)

Rapporteur Summary

Ameena Al Abdouli (FANR, UAE)

Overview of TG 124 on the Application of the Principle of Justification

Michael Boyd (EPA, USA)

Relationship Between Justification and Optimisation

Mika Markkanen (STUK, Finland)

ID 217

A Practitioner's Perspective on Justification and Optimisation in the Context of Sustainability

Cameron Jeffries (SAMI, Australia)

ID 201

Twenty Years of Diagnostic Reference Levels in Germany: An Overview

Augusto Giussani (ICRP/BfS, Germany)

ID 2

Optimisation, Holistic Approach, Decisions in Complex Situations in Waste Management

Mikkel Øberg (Danish Decommissioning, Denmark)

Q&A

Conclusions

15:30 - 16:00

Coffee Break & Poster Session

16:00 - 17:30

Session 14: Emerging Experts

The Next Generation of Scientists & Professionals

Co-Chairs: Kelsey Cloutier (ICRP, Canada) & Lorenzo Nicola Mazzoni (ICRP/EFOMP/AUSL TC, Italy)

Rapporteur Summary
Midori Nakamura (JANUS, Japan)

ICRP Mentorship Programme
Olga German (ICRP, Canada)

Shaping the Future of RP: Engaging the Next Generation (April 2025) Recap
Hafsa Essop (ICRP TG 123 Mentee, South Africa)

ID 172 Building the Future Workforce: Bridging the Radiation Protection Skills Gap through Innovation, Industry Collaboration, and Education
Peter Bryant (ICRP/WNTI)

ID 18 Effects of Continuous Professional Development and Clinical Imaging Guidelines on Appropriateness of CT Requisitions in a Low Resource Setting
Harriet Nalubega Kisembo (Ernest Cook University, Uganda)

Panel Discussion

Conclusions

Session 15: Medical III

Occupational RP • Health Surveillance of Exposed Workers

Co-Chairs: Makoto Hosono (ICRP/Kindai University, Japan) & Hassan Kharita (HMC/MEFOMP, Qatar)

Rapporteur Summary
Aliaksandr Miadzvetski (ICRP TG 116 Mentee, Belarus)

ID 28 Radiation Protection in the Context of an Integrated Approach to Occupational Health
Ferid Shannoun (WHO)

ID 101 Toward Effective and Rational Radiation Health Surveillance: A Nationwide Survey of Occupational Health Institutions in Japan
Hiroko Kitamura (QST, Japan)

Occupational RP Health Surveillance of Exposed Medical Workers in Saudi Arabia
Khulud Alsiraj (NRRC, Saudi Arabia)

ID 178 Occupational Radiation Dose in Interventional Radiology Procedures: A Multi-Role Assessment at a Comprehensive Cancer Center
Naema Al Maymani (Medical University, Oman)

Conclusions

Session 16: RP Concepts II

Sources and Impacts of Uncertainty

Co-Chairs: Andrzej Wojcik (ICRP/Stockholm University, Sweden) & Daniele Giuffrida (FANR, UAE)

Rapporteur Summary
Liudmila Liutsko (ICRP TG 121 Mentee, Spain)

Commentary on Recommendations on Statistical Approaches to Account for Dose Uncertainties in Radiation Epidemiologic Risk Models
Kathryn Higley (Oregon State University/ NCRP, USA)

Uncertainty in Risk Factors From Epidemiological Studies on Nuclear Industry Workers
Richard Wakeford (ICRP/University of Manchester, UK)

How Long Should We Go? - Uncertainties and Detection Levels in Personal Dosimetry
Filip Vanhavere (ICRP/SCK-CEN, Belgium)

Guidance on Considering and Communication Uncertainties in ICRP Activities
Dominique Laurier (ICRP/ASNR, France)

Conclusions

09:00 - 10:30

Session 17: RP Concepts III

Individualisation & Stratification: Science & Implications

Co-Chairs: Simon Bouffler (ICRP/UKHSA, UK) & Nobuyuki Hamada (ICRP/CRIEPI, Japan)

Rapporteur Summary

Benjamin Puzantian (ICRP TG 126 Mentee/Health Canada, Canada)

The Science Perspective of Individualisation and Stratification

Andrzej Wojcik (ICRP/Stockholm University, Sweden)

The Regulatory Perspective of Individualisation and Stratification

Julie Burt (ICRP/CNSC, Canada)

ID 77

The Medical Perspective of Individualisation and Stratification

Andrea Magistrelli (ICRP/IRCCS, Italy)

Individualization and Stratification in Non-Ionizing Radiation Protection

Akimasa Hirata (Nagoya Institute of Technology, Japan/ICNIRP)

Panel Discussion

Conclusions

Session 18: Highlight I

Inside ICRP & the Framework of International Organisations

Co-Chairs: Christopher Clement (ICRP, Canada) & Miroslav Pinak (IAEA)
Rapporteur: Hua Li (CSRP, China)

Inside ICRP: How ICRP Operates

Olga German (ICRP, Canada)

ID 77

Inter-Agency Committee on Radiation Safety - 35 Years of Working Together

Jasminka Joksic (IAEA)

Remarks from International Organisations on How They Interact with ICRP

Hildegard Vandenhove (IAEA)

Cameron Jeffries (IPRA)

Nina Cromnier (OECD-NEA)

Tiberio Cabianca (UNSCEAR)

Emilie van Deventer (WHO)

Sameh Melhem (World Nuclear Association)

Panel Discussion

Conclusions

Session 19: Applications I

Armed Conflict • Malicious Events • Preparedness, Response & Recovery

Co-Chairs: Volodymyr Berkovskyy (ICRP/RPI, Ukraine) & Hyungjoon Yu (KINS, Korea)

Rapporteur Summary

Ali Al Remeithi (FANR, UAE)

ID 117

Radiation Accidents and Malicious Events with a Focus on the Early Response Phase

Chunsheng Li (ICRP/Health Canada, Canada)

ID 156

The Evolution of Citizen Participation in the Work of CODIRPA

Thierry Schneider (ICRP/CEPN, France)

ID 109

Reclaiming Safety: Regulatory Recovery and Radiological Protection in the Aftermath of Military Occupation

Katarzyna Siegien (DSA, Norway)

ID 200

Guidelines for Communication with the Public in Nuclear Emergencies to Mitigate the Effects of Misinformation

Dev Minotra (CNL, Canada)

Panel Discussion

Conclusions

10:30 - 11:00

Coffee Break & Poster Session

11:00 - 12:30

Session 20: RP Concepts IV

Exposure Categories & Situations

Co-Chairs: Yann Billarand (ICRP/ASNR, France) & Liye Liu (ICRP/CIRP, China)

Rapporteur Summary

Sannah van Balen (ICRP TG 124 Mentee, UK)

The Way to Address the Exposure Situations and Categories of Exposure - From UAE Regulatory Point of View

Buthaina Al Ameri (ICRP TG 116 Mentee/ FANR, UAE)

ID 91

IAEA Guidance for Existing Exposure Situations

Laura Urso (IAEA)

ID 26

Dose Restriction System for Workers in Emergency and Existing Exposure Situations After a Nuclear Accident or a Radiation Emergency

Takatoshi Hattori (NDF, Japan)

Outstanding Points from TG 127 on Exposure Situations and Categories of Exposure

Analia Canoba (ICRP/ARN, Argentina)

Q&A

Conclusions

Session 21: Highlight II

RP Culture • Education • Training • Communications

Co-Chairs: Eduardo Gallego (ICRP/UPM, Spain) & Nina Cromnier (OECD-NEA)

Rapporteur Summary

Meera Alshoukari (FANR, UAE)

ID 114

Communicating Controversy: Developing Structured Talking Points on the Linear No-Threshold Model

Dominique Laurier (ICRP/ASNR, France)

ID 250

Information Service in Radiation Safety: Canadian Multifaceted Approach to RP Education and Public Awareness

Natalia Mozayani (RSIC, Canada)

ID 119

Survey of the International Situation of Education and Training for Industrial X-ray Radiation Workers

Yu Igarashi (University of Tokyo, Japan)

ID 255

Methods and Lessons Learned in Training and Tutoring Activities for Experts of Nuclear Regulatory Authorities

Tamas Pazmandi (HUN-REN Centre for Energy Research, Hungary)

Q&A

Panel Discussion: Radiation Safety Culture

Ferid Shannoun (WHO)

Bernard Le Guen (IRPA)

Hassan Kharita (MEFOMP, Qatar)

ID 111

Juha Suutari (STUK, Finland)

Werner Rühm (ICRP)

Conclusions

Session 22: Applications II

Space Exploration • NORM

Co-Chairs: Christopher Jones (AWE Aldermaston, UK) & George Vardoulakis (OECD-NEA)

Rapporteur Summary

Salama Al Mansoori (FANR, UAE)

ID 17

Practical Management of Radiation Using Risk Concepts in NORM-affected Industries

Jim Hondros (IRPA)

ID 13

Practical Use of Graded Approach to Assess Radiological Hazards

Kari Toews (World Nuclear Association)

ID 125

Radiological Protection in Space: Risk Metrics Suitable for Flight-specific Radiation Health Risks

Alexander Ulanowski (ICRP/IAEA)

ID 227

Consolidating Knowledge on Non-Cancer Radiation Effects through Adverse Outcome Pathways

Nobuyuki Hamada (ICRP/CRIEPI, Japan)

Panel Discussion

Conclusions

12:30 - 14:00

Lunch Break

14:00 - 15:30

Session 23: RP Ethics I

Reasonableness & Tolerability

Co-Chairs: Thierry Schneider (ICRP/CEPN, France) & Cameron Jeffries (SAMI, Australia)
Rapporteur: Hyeonil Kim (ICRP TG 103 Mentee, Korea)

ID 3 Essentials of the System of Radiological Protection
 Werner Rühm, (ICRP/BfS, Germany)

ID 113 Some Ethical Aspects of the Third Principle of Radiological Protection
 Friedo Zölzer (ICRP/University of South Bohemia, Czechia)

ID 8 ICRP Task Group 114 on Reasonableness and Tolerability in the System of Radiological Protection: Progress and the Way Forward
 Haruyuki Ogino (ICRP/NRA, Japan)

A Practitioner's Perspective on Reasonableness and Tolerability: The Views of the IRPA Task Group on the Review of the System of Radiological Protection
 Claire-Louise Chapple (IRPA)

Stakeholder Involvement and Optimisation in Decision Making Processes
 Nina Cromnier (OECD-NEA)

Q&A

Conclusions

Session 24: Highlight III

RP Challenges & Opportunities in the UAE & GCC

Co-Chairs: Aayda Al Shehhi (FANR, UAE) & Jamal Al Ahbabi (ENEC, UAE)

Rapporteur Summary
 Mohammed Al Dhaheri (FANR, UAE)

Strengthening and Advancing the Framework for Radiation Protection in the United Arab Emirates
 Christer Viktorsson (FANR, UAE)

Strengthening and Advancing the Framework for Radiation Protection in the Kingdom of Saudi Arabia
 Khaled Aleissa (NRRC, Saudi Arabia)

Strengthening and Advancing the Framework for Radiation Protection in the State of Kuwait
 Nasser Saud Al-Juwaisri (MoH, Kuwait)

Strengthening and advancing the framework for radiation protection in the State of Qatar
 Mohammed Hassan Kharita (Hamad Medical Corporation, Qatar)

Q&A

Conclusions

Session 25: Applications III

Remediation of Legacy Sites • Waste Management

Co-Chairs: Michael Boyd (EPA, USA) & Darcy Campbell (EPRI, USA)

Rapporteur Summary
 Sara Dumit (ICRP TG 121 Mentee, USA)

ID 138 Radiological Protection in Areas Contaminated by Past Activities
 Ludovic Vaillant (ICRP/CEPN, France)

ID 59 Methodology for the Derivation of Specific Clearance Levels for Materials Intended for Reuse, Recycling or Disposal in Landfills
 Chantal Mommaert (IAEA)

ID 146 Progress and Perspectives for the Remediation of Uranium Legacy Sites in Central Asia
 Anna Clark (IAEA)

ID 219 Quantification of Hard to Detect Radionuclides in Low and Intermediate Level Waste: A Global Perspective
 Borja Bravo (EPRI, Spain)

Task Group 97/Publication 159: Application of the Commission's Recommendations for Surface and Near-surface Disposal of Solid Radioactive Waste
 John Takala (ICRP/Cameco, Canada)

Q&A

Conclusions

15:30 - 16:00

Coffee Break & Poster Session

16:00 - 17:30

Session 26: RP Ethics II

Ethics in RP in Medicine and the Practice of RP

Co-Chairs: Kunwoo Cho (ICRP/KAIST, Korea) & Ferid Shannoun (WHO)

Rapporteur: David Niven (McMaster University, Canada)

ICRP Publication 157 – Ethics at the Crossroad of Radiological Protection and Medicine

François Bochud (ICRP/University of Lausanne, Switzerland)

ID 31 A WHO Framework for Training on Ethics in Radiation Protection in Medicine
Emilie van Deventer (WHO)

ID 15 A Forward Look at Upcoming Work of the ICRP Concerning Ethics in the Practice of Radiation Protection
Hiroko Yoshida (ICRP/ Tohoku University, Japan)

Ethical Issues of Application AI in Radiological Protection
TBC

Conclusions

Session 27: Highlight IV

Artificial Intelligence in RP

Co-Chairs: Filip Vanhavere (ICRP/SCK-CEN, Belgium) & Martin Takac (MBZUAI, UAE)

Rapporteur Summary

Altay Myssayev (ICRP TG 126 Mentee, Spain)

ID 6 AI in Medical Radiation Protection: Insights from the ICRP C3 Working Party and a Review of AI-powered X-ray Dosimetry Applications
John Damilakis (ICRP/University of Crete, Greece)

AI in Medical Radiation Protection: The Landscape of AI-powered Image Quality Enhancement
Mika Korteeniemi (ICRP/Helsinki University Hospital, Finland)

The ICRP C4 Working Party on AI in RP
Daniele Giuffrida (ICRP/FANR, UAE)

ID 252 Transforming the ICRP Framework for Internal Dosimetry: Novel Advances in AI-Driven Intake Reconstruction and Multi-Scale Deposition Modeling
Shaheen Dewji (Georgia Institute of Technology, USA)

ID 248 Application of Machine Learning for Predicting the Soil to Rice Transfer Factors of Cs
Avaneesh Rai U. K. (Mangalore University, India)

Conclusions

Session 28: Applications III

Implementing RP Recommendations in Regulation

Co-Chairs: Claudia Engelhardt (BMUV, Germany) & Julie Burt (ICRP/CNSC, Canada)

Rapporteur Summary

Donovan Anderson (Hiroaki University, Japan)

ID 126 Implementing a Dose Constraint Concept in the Belarus Regulatory System
Alena Nikalayenka (RCHEPPH, Belarus)

ID 103 ICRP Recommendations' Impact on the International Standards for Radiation Protection Instruments
Radoslav Radev (LLNL, USA)

ID 273 A Policy Framework for Managing Naturally Occurring Radioactive Materials (NORM) in Japan: The Radiation Council's Approach
Soichiro Nagamatsu (NRA, Japan)

Panel Discussion

Gareth Thomas (HERCA)

Haruyuki Ogino (IAEA-RASSC Chair)

Aayda Al Shehhi (FANR, UAE)

Sigurdur Magnusson (IRPA)

Thierry Schneider (ICRP)

Conclusions

17:30 - 18:00

Session 29: Closing

Thanks

TBD (FANR)

Remarks

Werner Rühm (ICRP/BfS, Germany)

Invitation to ICRP 2027

TBD

Closing

Werner Rühm (ICRP/BfS, Germany)
