

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

3 October 2025

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

PROGRAMME AT A GLANCE

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

Registration 6 October: 17:00 - 19:00 7-9 October: 08:00 - 17:30

TUESDAY 7 OCTOBER 2025

09:00 - 10:30 Session 1: Welcome & Bo Lindell Lecture

Roma Ballroom Moderator: Christopher Clement (ICRP, Canada)

Welcome Remarks
H.E. Ambassador Hamad Al Kaabi (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

📍 Roma Ballroom

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

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

📍 Roma Ballroom

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

Introduction to the Cousins Award for Young Scientists and Professionals

Nicole Martinez (ICRP/Clemson University, ICRP)

Presentations by Finalists

ID
39

Deep Learning-Based Synthetic CT Generation from 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

The BECOME Study: Brain CancEr risk in joint cOhort of MEDical workers exposed to ionizing radiation

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

📍 Roma Ballroom

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

Pete 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

📍 Roma 1

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)

The Importance of the PNNL Animal Studies to Ongoing Research: A Tribute to Bill Morgan

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)

ID 218

Advancing Health Research through the Adverse Outcome Pathway Framework: Ongoing Work of the Nuclear Energy Agency Radiation/Chemical AOP Joint Topical Group

George Vardoulakis (OECD-NEA)

Conclusions

Session 6: Environment

📍 Roma 2

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)

Evolving Radiological Protection of the Environment in the ICRP System

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

Analía 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

📍 Roma 3

Occupational & Public • Medical • Emergency

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

📍 Roma 1

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 Level 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

📍 Roma 2

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

📍 Roma 3

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: McSEE
Hyeonil Kim (ICRP TG 103 Mentee, Korea)

ID
128

IAEA-Coordinated Research on External Dosimetry for Terrestrial Animals and Plants
Alexander Ulanowski (ICRP/IAEA)

Panel Discussion

Conclusions

12:30 - 14:00

Lunch Break

14:00 - 15:30

Session 11: Effects III

📍 Roma 1

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)

UNSCEAR Evaluation: Epidemiological Studies of Ionizing Radiation and Cancer

David Richardson (ICRP/University of California, USA)

ID 7

Cancer Detriment Review by ICRP Task Group 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

📍 Roma 2

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)

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

📍 Roma 3

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 (retired), 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

📍 Roma 1

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)

Strengthening the Future of Radiation Protection: Early Career Networks and the Vancouver Call for Action
Ämilie Degenhardt (ICRP/BfS, Germany)

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**
Pete 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

📍 Roma 2

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 Radiation Protection and Health Surveillance of Exposed Medical Workers in Saudi Arabia
Khulud Alsiraj (NRRRC, 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

📍 Roma 3

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

📍 Roma 1

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 21

The Medical Perspective of Individualisation and Stratification

Andrea Magistrelli (ICRP/IRCCS, Italy)

ID 11

Individualization and Stratification in Non-Ionizing Radiation Protection

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

Panel Discussion

Conclusions

Session 18: Highlight I

📍 Roma 2

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)

Ferid Shannoun (WHO)

Sameh Melhem (World Nuclear Association)

Panel Discussion

Conclusions

Session 19: Applications I

📍 Roma 3

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

📍 Roma 1

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

Preparation of a Safety Guide on Radiation Protection and Safety in 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

📍 Roma 2

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

📍 Roma 3

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

📍 Roma 1

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

📍 Roma 2

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)

Enhancing Radiological Protection in Kuwait: From Legacy Decrees to Modern International Standards
 Naser 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

📍 Roma 3

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 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: Improving Estimation of Tc-99 and I-129
 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

📍 Roma 1

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 34

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)

Moderated discussion on Ethics in the System of Radiological Protection

Conclusions

Session 27: Highlight IV

📍 Roma 2

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

📍 Roma 3

Implementing RP Recommendations in Regulation

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

Rapporteur Summary

Donovan Anderson (Hirosaki University, Japan)

ID 126

Implementing a Dose Constraint Concept in the Belarus Regulatory System

Alena Nikalayenka (RCHEPPH, Belarus)

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)

Cameron Jeffries (AOARP)

Analía Canoba (FORO)

Conclusions

17:30 - 18:00

Session 29: Closing

📍 Roma Ballroom

Thanks

Christer Viktorsson (FANR, UAE)

Remarks

Werner Rühm (ICRP/BfS, Germany)

Invitation to ICRP 2027

Liye Liu (CIRP, China)

Closing

Werner Rühm (ICRP/BfS, Germany)
