

Programme

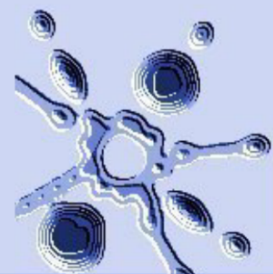
8th International Conference on Education and Training in Radiation Protection

June 27-30, 2023
Groningen, The Netherlands

The timeslots indicated in the programme are in Central European Time (CET).
All presentations are given in the Geertsema room unless otherwise stated.

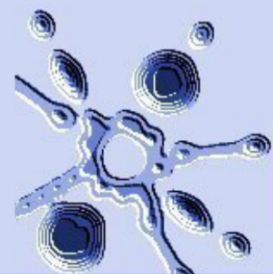
Tuesday June 27, 2023	
17.00 – 18.00	Pre-registration main entrance Academy building
17.15 – 20.00	Welcome reception Academia restaurant

Wednesday June 28, 2023		
08.00 – 10.00	Registration	
10.00 – 10.25	Welcoming words from the Programme Committee members of main organizing parties	Hielke Freerk Boersma, University of Groningen Michèle Coeck, SCK CEN Hildegarde Vandenhove, IAEA Marie Claire Cantone, IRPA Joanne Stewart, EUTERP
10.25 – 10.45	Keynote Worldwide overview on the Member States' education, training and competence requirements for QE and RPO	Andrea Luciani, IAEA
10.45 – 11.00	Opening University of Groningen	Prof. Cisca Wijmenga, Rector Magnificus University of Groningen
Session 1 Competence based systems versus qualification based systems Chairperson: Michèle Coeck, SCK CEN, Belgium		
11.00 – 11.15	Keynote Comparison of legal requirements for education and training of RPE and RPO in Europe. The HERCA workgroup on education and training experience	Barbara Godthelp HERCA & ANVS, The Netherlands
11.15 – 11.30	UK RPA certificate changes	Mary Allan RPA 2000, United Kingdom
11.30 – 11.45	Radiation protection education and training in Belgium: challenges and opportunities	Tom Clarijs SCK CEN, Belgium
11.45 – 12.00	Q&A	
12.00 – 13.30	Lunch & poster session	



Wednesday June 28, 2023		
Session 2 Attracting and preserving a competent workforce in radiation protection		
Chairperson: Andrea Luciani, IAEA, Austria		
13.30 – 13.45	Development of the radiation protection workforce knowledge base through sharing of ideas and practices	Marie Claire Cantone IRPA & University of Milan, Italy
13.45 – 14.00	Developments in radiation protection education, training and qualifications in the UAE	Meera Alshoukari FANR, United Arab Emirates
14.00 – 14.15	Ghana's experience with radiation protection training for professionals exposed to radiation	Francis Otoo Atomic Energy Commission, Ghana
14.15 – 14.30	The role of education and training in the development of a regulatory infrastructure in radiation protection in Suriname and beyond	Hielke Freerk Boersma University of Groningen, The Netherlands
14.30 – 14.45	EURADOS webinars on radiation dosimetry: a new action within EURADOS Education and Training vision and strategy	João Garcia Alves EURADOS & Instituto Superior Técnico, Portugal
14.45 – 15.10	Q&A	
15.10 – 15.45	Break & poster session	
Session 3 Online and hybrid learning: innovation and experience gained		
Chairperson: Eduardo Gallego, Polytechnical University of Madrid & IRPA		
15.45 – 16.00	Radiochemical experiments in a new virtual radionuclide laboratory: interim results from the European HORIZON 2020 project A-CINCH	Jan-Willem Vahlbruch Leibniz University Hannover, Germany
16.00 – 16.15	Early stage experiences with using virtual reality to enhance learning experiences with ionizing radiation in radiation protection courses	Louise Berghuijs NRG, The Netherlands
16.15 – 16.30	Radiation safety e-learning training for non-radiology doctors and other staff: Experiences in a major academic teaching hospital in Ireland	Thomas Heary Beaumont Hospital, Ireland
16.30 – 16.45	Radiation protection update training for dental professionals and university staff/students: experiences with online vs face-to-face options	Graham Hart YourRPA, United Kingdom
16.45 – 17.00	Continuing online radiological protection education for professionals	Paula Garcia Castañon University Hospital La Princesa, Madrid, Spain
17.00 – 17.25	Q&A	
17.25	Closing words of the day by the chairperson	

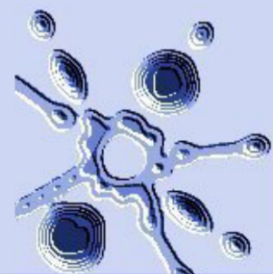
Thursday June 29, 2023		
Session 4 Attracting and preserving a competent workforce in radiation protection (continued) Chairperson: Adriaan Lammertsma, EFOMP		
09.00 – 09.15	Realistic training and practice for radiological emergency preparedness and response in The Netherlands	Teetske Van Gorcum National Institute for Public Health and the Environment (RIVM), The Netherlands
09.15 – 09.30	How can we attract and preserve a competent workforce in medical radiation protection?	John Damilakis University of Crete, Greece
09.30 – 09.45	Building a new graduate-level health physics program: challenges and successes	Emily Caffrey University of Alabama, Birmingham, USA
09.45 – 10.00	The Bsc physics, medical physics and radiation protection at the university of Malta: a success story in attracting young people to the radiation protection professions	Carmel J. Caruana University of Malta
10.00 – 10.15	Protection and safety of patient and staff during external beam	Calvince Odeny Nuclear Regulatory Authority, Kenya
10.15 – 10.30	From student participation to infinity: implementing digital innovation for success in education of radiation protection	Hendrik Erenstein Hanze University of Applied Sciences, The Netherlands
10.30 – 11.00	Q&A	
11.00 – 11.30	Break, poster session & demo A-CINCH (Room A7)	Jan-Willem Vahlbruch Leibniz University Hannover, Germany
Session 5 Online and hybrid learning: innovation and experience gained (continued) Artificial Intelligence Chairperson: Ben Bewersdorf, University of Groningen		
11.30 – 11.45	Keynote Artificial Intelligence in education and training	Erik Hemberg MIT Computer Science and Artificial Intelligence Lab, Anyscale Learning For All (ALFA) Group, USA
11.45 – 12.00	Debate on AI and new developments	
12.00 – 13.30	Lunch & poster session	Robert Beekveldt NRG, The Netherlands
12.30 – 13.20	Demo VR in RP at NRG (Room A3)	



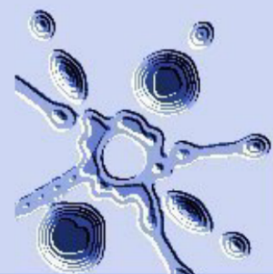
Session 6 Online and hybrid learning: innovation and experience gained (continued) Chairperson: Jan-Willem Vahlbruch, Leibnitz University Hannover, Germany		
13.30 – 13.45	How BRAVER challenges students in radiation protection training	Sonja Schreurs University of Hasselt, Belgium
13.45 – 14.00	How can we use digital learning tools in hybrid learning?	Wout Moerman RadboudUMC, The Netherlands
14.00 – 14.15	Post Covid andragogic improvements of radiation safety training	Charles Wilson University of Alabama, Birmingham, USA
14.15 – 14.30	AWE radiation protection access training	Catherine Nortey AWE, United Kingdom
14.30 – 14.45	Risk minimisation in online radiation protection training	Stephen Jackson UKHSA, United Kingdom
14.45 – 15.10	Q&A	
15.10 – 16.00	Break, poster session and 2 demonstrations: <ul style="list-style-type: none"> ▪ BRAVER (Room A3) ▪ Demo on 'the decontamination strategy' picture game, 'Escapelab' and a 360 degrees VR video for medical specialist training (Room A7) 	Wim Eerdeken University of Hasselt, Belgium Wout Moerman RadboudUMC, The Netherlands
16.00 – 16.15	National training courses on radiation protection organized at Instituto Superior Técnico in Portugal: a pandemic experience	João Garcia Alves Instituto Superior Técnico, Portugal
16.15 – 16.30	Effectiveness of the post-pandemic hybrid education in radiation protection: first results	Davit Nadareishvili Ivane Beritashvili Center of Experimental Biomedicine, Georgia
16.30 – 16.45	Hybrid training of first responders for nuclear and radiological emergency preparedness and response in Lithuania	Odeta Drungelaite Radiation Protection Centre, Lithuania
16.45 – 17.00	Q&A	
17.00	Closing words of the day by the chairperson	

Transport bus at 17.55

19.30 – 23.30	Conference dinner De Rietschans, Haren
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Friday June 30, 2023		
Session 7 Integration of social sciences and humanities and public engagement		
Chairperson: Marie Claire Cantone, IRPA & University of Milan, Italy		
09.00 – 09.15	Keynote An ethical capability-possibility framework for education and training in radiological protection	Gaston Meskens SCK CEN, Belgium
09.15 – 09.30	Co-creative Radiation Education Program (CREPE) in Osaka University	Michio Okada Osaka University, Japan
09.30 – 10.00	Debate session	
Session 8 Competence standards for trainers		
Chairperson: Hielke Freerk Boersma, University of Groningen, The Netherlands		
10.00 – 10.15	Keynote How to include AI in trainer competencies	Alicia Streppel University of Groningen, The Netherlands
10.15 – 10.30	Selection and evaluation of lecturers for EEAE 's training activities	Sotirios Economides Greek Atomic Energy Commission, Greece
10.30 – 10.45	A Portuguese experience in Education & Training in Radiation Protection	Louis Branco ISQ, Portugal
10.45 – 11.15	Break & poster session	
11.15 – 11.30	Implementation of quality assurance in education and training in radiation protection	Heleen Van Elsacker-Degenaar Stichting KOS & NVS, The Netherlands
11.30 – 11.45	Outcome & results of the 9 th EUTERP workshop	Joanne Stewart EUTERP, The Netherlands
11.45 – 12.00	Q&A	
12.00 – 12.15	Keynote The ICRP Vancouver Call for Action	Ulrike Kulka Federal Office for Radiation Protection, Germany
12.15 – 12.30	Wrap-up of the scientific programme & closing words of the conference	Michèle Coeck, SCK CEN, Belgium Hielke Freerk Boersma University of Groningen, The Netherlands
12.30	Farewell lunch	



Posters

Systematic approach to training occupationally exposed workers for strengthening national capacity and minimize exposure to ionizing radiation in nuclear facilities in Iraq	Salwa Al-Salhy Radiation Protection Centre, Iraq
Roleplay Medical Imaging: a high school teaching module to playfully discover what expertise is necessary to suffice 20 patients a SPECT-scan in the hospital.	Robert Beekveldt NRG, The Netherlands
Attracting the future workforce in radiation protection: outreach activities by the SCK CEN Academy	Tom Clarijs SCK CEN, Belgium
Status of cross-checked database of resources, online demos and virtual labs for radiation protection training	Francesco D'Ericco University of Pisa, Italy
Development of a hybrid training plan in operational radiation protection for the staff of new proton therapy systems	Gonzalo Garcia Fernandez Universidad Politecnica de Madrid, Spain
C-arm in the OR: training of medical specialists	Kitty Hoornstra Umc Utrecht Hospital, The Netherlands
Capacity building training program for NRRC inspectors in Saudi Arabia	A. Alghamdi Nuclear and Radiological Regulatory Commission, Saudi Arabia
Applying infographics for an effective radioactive waste management in a nuclear medicine department	Rodrigo Rosado del Castillo La Princesa University Hospital, Madrid, Spain