Programme

7th International Conference on Education and Training in Radiation Protection

March 23-26, 2021
Online

The timeslots indicated in the programme are in Central European Time (CET).

Tuesday March 23, 2021		
13.00 – 13.15	Welcome by SCK CEN, EUTERP, IAEA and IRPA	Michèle Coeck, SCK CEN, Belgium Joanne Stewart, EUTERP Andrea Luciani, IAEA Eduardo Gallego, IRPA
13.15 – 13.20	Introduction to the programme	Michèle Coeck, SCK CEN, Belgium
Session 1: Training online – Chairperson: Joanne Stewart		
13.20 – 13.30	Introductory note: Impact of COVID-19 on radiation protection training: initial perceptions	Joanne Stewart, EUTERP
13.30 – 13.45	Comparing the effectiveness of face-to-face learning and e-learning modules in radiation protection	Lisanne Van Puyvelde, SCK CEN, Belgium
13.45 – 14.00	Lessons learned: the Paul Scherrer Institute's Training Center's transition to online-learning during the COVID-19 pandemic	Maya Keller, PSI, Switzerland
14.00 – 14.15	On-line radiation protection training at a research reactor	Sheldon Landsberger, University of Texas, USA
14.15 – 14.30	Education and training in radiation protection in a virtual setting: challenges and opportunities brought by the COVID-19 pandemic	Csilla Pesznyak, University of Budapest, Hungary
14.30 – 14.45	*Break*	
14.45 – 15.15	Online poster session	
	Intermezzo	
15.30 – 16.00	Discussion and debate session 1	- Joanne Stewart, EUTERP - Eduardo Gallego, IRPA & UPM, Spain - Gaston Meskens, SCK CEN, Belgium - Lucía Valentino, Sociedad Argentina de Radioprotección, Argentina - Maya Keller, PSI, Switzerland

Wednesday March 24, 2021		
09.00 – 13.00	Virtual networking moment	
Session 2: New didactic methods and methodologies – Chairperson: Jan-Willem Vahlbruch		
13.00 – 13.05	Welcome and introduction to the session	Jan-Willem Vahlbruch, University of Hannover, Germany
13.05 – 13.40	Keynote presentation: Approaches to practical exercises in the virtual laboratory	Clemens Walther, University of Hannover, Germany
13.40 – 13.55	A virtual radionuclide laboratory	Vivien Pottgießer, University of Hannover, Germany
13.55 – 14.10	The "Train the future trainers" program, a way to include soft and technical skills in a blended learning program	Isabelle Gerardy, HE2B-ISIB, Belgium
14.10 – 14.25	A cross-checked database of resources, online demos and virtual labs for radiation protection training	Francesco d'Errico, University of Pisa, Italy
14.30 – 14.45	*Break*	
14.45 – 15.15	Online poster session	
	Intermezzo	
15.30 – 16.00	Discussion and debate session 2	- Jan-Willem Vahlbruch, University of Hannover, Germany - Paul Livolsi, CEA-INSTN, France - Clemens Walther, University of Hannover, Germany - Francesco d'Errico, University of Pisa, Italy - Riccardo Rossa, SCK CEN, Belgium

Thursday March 25, 2021		
09.00 – 13.00	Virtual networking moment	
Session 3: Legal requirements – Chairperson: Andrea Luciani		
13.00 – 13.05	Welcome and introduction to the session	Andrea Luciani, IAEA
13.05 – 13.25	Keynote presentation: Education and training legal requirements: can they be met in COVID-19-times?	Barbara Godthelp, HERCA
13.25 – 13.40	Advance in digital learning at KTE: a field report	Lars Hegenbart, Kerntechnische Entsorgung Karlsruhe GmbH, Germany
13.40 – 13.55	Training in radiation protection required by legislation: approach during the COVID-19 crisis and practical implementation	An Fremout, Federal Agency for Nuclear Control, Belgium
	Intermezzo	
14.10 – 14.30	Discussion and debate session 3	- Andrea Luciani, IAEA - Barbara Godthelp, HERCA - Henry Lynn, Nuclear Regulatory Commission, USA - Lars Hegenbart, Kerntechnische Entsorgung Karlsruhe GmbH, Germany - An Fremout, Federal Agency for Nuclear Control, Belgium
14.30 – 14.45	*Break*	
Session 4: Online assessment – Chairperson: Daniele Giuffrida		
14.45 – 14.50	Welcome and introduction to the session	Daniele Giuffrida, FANR, UAE
14.50 – 15.20	Setting the scene: Assessing competencies and how to do that online	Wim Meerholz, University of Groningen, The Netherlands
	Intermezzo	
15.30 – 16.00	Discussion and debate session 4	- Daniele Giuffrida, FANR, UAE - Hielke-Freerk Boersma, University of Groningen, The Netherlands - Alicia Streppel, University of Groningen, The Netherlands - Paul Livolsi, CEA-INSTN, France

Friday March 26, 2021		
Session 5: Looking forward – Chairperson: Sylvain Andresz		
13.00 – 13.05	Welcome and introduction to the session	Sylvain Andresz, CEPN, France
13.05 – 13.25	Keynote presentation: How our brains learn: tips for (online) teaching	Danielle Dobbe, LRCB (Dutch Expert Centre for Screening), The Netherlands
13.25 – 13.40	Social media and young generation in radiation protection (IRPA-YGN): usages and perspectives	Sylvain Andresz, CEPN, France
13.40 – 13.55	Radiomon: isotopes, radiation and nuclear technologies in a new game for the i-Generation	Fabio Nouchy, Tractebel ENGIE, Belgium
	Intermezzo	
14.10 – 14.40	Discussion and debate session 5	- Sylvain Andresz, CEPN, France - Pascal Froment, BVS-ABR, Belgium - Carmel J. Caruana, University of Malta - Danielle Dobbe, LRCB (Dutch Expert Centre for Screening), The Netherlands - Cinthia Papp, IRPA-YG
14.40 – 14.50	*Break*	
14.50 – 15.15	Final remarks & closure	Michèle Coeck, SCK CEN Joanne Stewart, EUTERP Andrea Luciani, IAEA Jan-Willem Vahlbruch, University of Hannover Daniele Giuffrida, FANR Sylvain Andresz, CEPN Marie Claire Cantone, IRPA Hielke-Freerk Boersma, University of Groningen

Tuesday March 23, 2021 | online poster session 1	
Online teaching of a basic radiation protection course for future engineers	Eduardo Gallego, Universidad Politécnica de Madrid, Spain
Transformation of face-to-face education into virtual: experience of Argentina	Lucía Valentino, Sociedad Argentina de Radioprotección, Argentina
The impact of COVID-19 pandemic restrictions in the provision of training on radiation protection and safety to Radiation Protection Officers (RPOs)	Sotiris Economides, Greek Atomic Energy Commission, Greece
A remote radiation protection training initiative in the UK	Sarah Hunak, CMS-I Jacobs, UK
Curriculum development in times of a pandemic	Tom Clarijs, SCK CEN, Belgium
First experience in the virtualization radiation protection training at hospital level	Carlos Prieto, Hospital Universitario de La Princesa, Spain
Radiation safety culture in the HERT sectors	Gwen Mott, CLEAPSS, UK
International training experience with the use of Russian simulation codes	Evgenii Varseev, Rosatom Technical Academy, Russia
Development and practice of a virtual nuclear simulator in radiation protection training	Sonja Schreurs, University of Hasselt, Belgium
Online laboratory works for PGEC	Andrej Timoshchenko, Rosatom Tech, Belarus
Biological dosimetry training using a web-based facility	Omar García, Centro de Protección e Higiene de las Radiaciones, Cuba

Wednesday March 24, 2021 | online poster session 2	
An online summer school in anatomy and physiology for radiation protection and medical physics students	Carmel J. Caruana, Faculty of Health Sciences, University of Malta, Malta
A new attractive model for attracting physics students to radiation protection and medical physics	Carmel J. Caruana, Faculty of Health Sciences, University of Malta, Malta
Design and use of tools for education and training in medicine with ionizing radiations and related transport operations of radioactive material	Zayda Amador Balbona, Centre of Isotopes, Cuba
Detektory Dla Szkół: a pilot detector-lend project for Polish schools	Katarzyna Deja, National Centre for Nuclear Research, Poland
Medical physics and radiation protection skills training through undergraduate final degree thesis	Sandra Oliver, Universitat Politècnica de València, Spain
Information for patients and carers involved in medical exposures	Carlos Prieto, Hospital Universitario de La Princesa, Spain
Effectiveness of possible distant radiation protection training and compliance with the Slovenian legislation	Matjaz Koželj, Jožef Stefan Institute, Slovenia
Challenges due to COVID-19 restrictions in implementing the national legislative framework for the recognition of Radiation Protection Experts (RPEs) and Medical Physics Experts (MPEs)	Sotiris Economides, Greek Atomic Energy Commission, Greece
Teaching the teachers: a series of interactive teaching-themed workshops for healthcare and radiation protection experts (RPEs)	Danielle Dobbe, LRCB (Dutch Expert Centre for Screening), The Netherlands
ENEN+: attracting, developing and retaining new talents to careers in the nuclear fields	Csilla Pesznyak, Budapest University of Technology and Economics, Hungary
iNET-EPR: a network for exchange of expertise beyond boarders	Almira Geosev, Federal Ministry of the Interior, Austria,