



**EUROPEAN TRAINING AND EDUCATION IN RADIATION PROTECTION FOUNDATION**

## **PROGRAMME**

### **8<sup>th</sup> EUTERP WORKSHOP** **Optimization of training in radiation protection**

**April 10-12, 2019**  
**Dolmen Hotel, Qawra, St Paul's Bay, Malta**

<b>Tuesday April 9, 2019</b>	
18.30 – 19.00	Registration
19.00	Welcome cocktail

<b>Wednesday April 10, 2019</b>		
09.00 – 09.30	Registration	
09.30 – 09.50	Opening of the Workshop	<p>Joanne Stewart, EUTERP President</p> <p>Lourdes Farrugia, Chairperson of the Maltese Radiation Protection Commission</p> <p>Peter Johnston, Director of Radiation Transport and Waste Safety (NSRW) Division, IAEA</p> <p>Eduardo Gallego, IRPA E&amp;T WG Chair and IRPA Vice President , IRPA</p>
<b>Session 1: Setting the international scene – Chairperson: Joanne Stewart</b>		
09.50 – 10.20	Key note presentation - Train the trainers for Radiation Protection Officers of medical and industrial facilities, as part of the IAEA's approach to support Member States in building competence	Amparo Cristobal, IAEA, Austria
10.20 – 10.50	Key note presentation - IRPA's recommendations and contributions to enhance radiation protection culture through educational activities	Eduardo Gallego, IRPA, Spain
10.50 – 11.00	Overview of the poster contributions	Michèle Coeck, EUTERP & SCK•CEN, Belgium
11.00 – 11.30	<i>Break &amp; poster session</i>	

Session 2: Design of training – facilitator: Marcel Schouwenburg		
11.30 – 11.35	Introduction by the facilitator	
11.35 – 11.50	International training in nuclear technology and radiation protection with a good balance between academic and generic employability skills: training the future trainers	Sonja Schreurs, University of Hasselt, Belgium
11.50 – 12.05	Teaching safety culture in radiation protection courses - is it feasible or mission impossible?	Matjaž Koželj, Jožef Stefan Institute, Slovenia
12.05 – 12.20	On the design and implementation of a specific radiological/nuclear training curriculum for police officers	Tom Clarijs, SCK•CEN, Belgium
12.20 – 12.35	Maximizing overall radiation safety of hospital employees through radiation protection training at the Academic Hospital Paramaribo	Coulor Whitney, Academic Hospital Paramaribo, Suriname
12.35 – 12.50	Creation of core-course in Georgian language from national specificity and needs of Georgia in radiation safety, with structure of additional modules and creation and publishing the handbook	Davit Nadareishvili, Ivane Beritashvili Center of Experimental Biomedicine, Georgia
12.50 – 13.00	Q&A	
13.00 – 14.00	Lunch	
Session 3: Workers’ training – facilitator: Liz Grindrod		
14.00 – 14.05	Introduction by the facilitator	
14.05 – 14.20	Focussing on workers	Jos van den Eijnde, Amsterdam UMC, The Netherlands
14.20 – 14.35	IRA and CERN collaboration on radiation protection awareness	Diana Dalban, IRA & Meriem Chniba, CERN, Switzerland
14.35 – 14.50	Radiation self-protection workers’ basic training program at CNE Cernavoda NPP	Catalina Chitu, S.N. Nuclearelectrica SA - CNE Cernavoda Nuclear Power Plant, Romania
14.50 – 15.05	From operations to decommissioning: decline into fear	Mikkel Øberg, Danish Decommissioning, Denmark
15.05 – 15.15	Q&A	
15.15 – 16.00	Break & poster session	



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Session 4: Trainer standards and competencies – facilitator: Matjaž Koželj		
16.00 – 16.05	Introduction by the facilitator	
16.05 – 16.20	Train-The-Trainers activities in radiation protection	Marisa Marco, CIEMAT, Spain
16.20 – 16.35	Trainers' skills development: yes ... but not only training	Floriane Marcuccini, INSTN – Institut National des Sciences et Techniques Nucléaires (CEA), France
16.35 – 16.50	Design of education and training program based on the experiences from risk analysis in therapeutic nuclear medicine	Zayda Amador Balbona, Centre of Isotopes CENTIS, Cuba
16.50 – 17.00	Q&A	
17.30 – 18.30	<i>EUTERP Workshop reception</i>	



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Thursday April 11, 2019		
09.00 – 09.30	Introduction to the working groups	Joanne Stewart, EUTERP President
09.30 – 11.00	Working groups discussions: - WG1 Trainer standards and competences - WG2 Evaluation of training - WG3 Radiation worker training	Amparo Cristobal, IAEA, Austria Tom Clarijs, SCK•CEN, Belgium Marcel Schouwenburg, Technical University Delft, The Netherlands
11.00 – 11.30	Break	
11.30 – 12.30	Working groups discussions - continued: - WG1 Trainer standards and competences - WG2 Evaluation of training - WG3 Radiation worker training	Amparo Cristobal, IAEA, Austria Tom Clarijs, SCK•CEN, Belgium Marcel Schouwenburg, Technical University Delft, The Netherlands
12.30 – 13.30	Lunch	
Session 5: New developments – facilitator: Celso Osimani		
13.30 – 13.35	Introduction by the facilitator	
13.35 – 13.50	Follow-up of implementation of the radiation protection expert and radiation protection officer from the European basic safety standards in The Netherlands	Barbara Godthelp, ANVS, The Netherlands
13.50 – 14.05	Radiation protection training challenges and innovations at Sellafield in the UK	Jim Bishop, Sellafield Ltd, United Kingdom
14.05 – 14.20	A picture is worth a thousand words and an experiment is worth fifty slides: development of experiments in health physics to reinforce basic radiation protection concepts	Sheldon Landsberger, University of Texas at Austin, USA
14.20 – 14.35	Sharing experience on the use of a 3D serious game and radiation simulator in radiation protection training	Paul Livolsi, INSTN – Institut National des Sciences et Techniques Nucléaires (CEA), France
14.35 – 14.50	Q&A	
14.50 – 15.30	Break & poster session & demos	



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Session 6: Outreach and networks – facilitator: Penelope Allisy		
15.30 – 15.35	Introduction by the facilitator	
15.35 – 16.05	Key note presentation - Key note presentation - Strategic Human Resource Management in Radiological Protection: A Career Path Framework Agreement	Ted Lazo, NEA/OECD, France
16.05 – 16.20	EURADOS education and training: a key issue to support dissemination of knowledge and skills in radiation dosimetry	Joao Alves, EURADOS & CTN, Portugal
16.20 – 16.35	MEET-CINCH - a modular European education and training concept in nuclear and radio chemistry	Jan Willem Vahlbruch, Leibnitz University Hannover, Germany
16.35 – 17.15	Panel – beyond EUTERP – collaborations and outreach	Panel members: Barbara Godthelp, HERCA Adriaan Lammertsma, EFOMP Fernand Vermeersch, ALARA Network Joao Alves, EURADOS & CTN, Portugal
19.00 – 22.30	<i>Cocktail and Workshop dinner at the Dolmen Hotel (dress code: smart casual)</i>	



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Friday April 12, 2019		
09.30 – 10.30	Working groups discussions - continued	
Working groups’ reporting – Chairperson: Michèle Coeck		
10.30 – 11.15	Reporting of working groups & discussion	
Closing session: Workshop outcome and recommendations – Chairperson: Michèle Coeck		
11.15 – 11.45	EUTERP awards and update	
11.45 – 12.00	Summary of the Workshop and recommendations	Joanne Stewart, EUTERP President
12.00 – 12.15	Closing remarks	Peter Johnston, IAEA, Austria Eduardo Gallego, IRPA, Spain Joanne Stewart, EUTERP President
12.15	Farewell lunch	