PROGRAMME

10th EUTERP WORKSHOP
Competence-based approaches in radiation protection

July 7-9, 2026
PSI, Villigen, Switzerland

Tuesday July 7, 2026		
09.00 – 09.30	Registration	
Setting the scene I – competency framework in radiation protection		
09.30 – 10.30	- Welcome address - Framework of competences in radiation protection & aims of the workshop - European Commission (EC) activities related to radiation protection and implementation of the BSSD	Jan-Willem Vahlbruch, EUTERP President Maya Keller, PSI Ana Rita Lopes Ramos, European Commission
10.30 – 11.00	*Break*	
Setting the scene II		
11.00 – 12.00	- Education and Training: Role and reflections of the competent authorities - Education and Training: Role and initiative of IRPA - Important aspects in competency management and radiation protection: introducing the working groups	Sotiris Economides, HERCA Hielke Freerk Boersma & Tamás Pázmándi, IRPA Tom Clarijs, EUTERP
12.00 – 13.30	*Lunch*	
Session 1 | Competencies: how to design, implement and evaluate		
13.30 – 13.50	Operationalising European competence frameworks in STEM teacher education: a training kit approach for the green and digital transition	Sandra Soares, University of Beira Interior, Portugal
13.50 – 14.10	Radiation protection training for master students: from formulation of competences over design of learning activities to evaluating the learning outcomes	Sonja Schreurs, University of Hasselt, Belgium
14.10 – 14.30	IAEA Safety Reports Series No. 130 as a practical framework for competence building in radiation protection for health professionals	Tom Clarijs, SCK CEN, Belgium
14.30 – 15.00	*Break*	

15.00 – 16.45	**Working session 1 | Design, implementation and evaluation of competencies**
16.45 – 17.00	**Wrap-up of working session 1**

18.00	**Barbecue @ PSI**

Wednesday July 8, 2026		
Session 2 | Recent developments regarding implementing competencies in E&T for RPOs and RPEs in Europe		
09.00 – 09.20	Implementing Competence-Based Training for Radiation Protection Officers in the Netherlands following the EU Basic Safety Standards	Jacoba Beiboer, University of Groningen, The Netherlands
09.20 – 09.40	The new revised guidelines on E&T of RPOs and RPEs in Germany	Jan-Willem Vahlbruch, University of Hannover, Germany
09.40 – 10.00	Qualification pathways for Radiation Protection Experts and Radiation Protection Officers in Finland	Maaret Lehtinen, STUK, Finland
10.00 – 10.30	*Break*	
Session 3 | IAEA competence framework and current status of qualification pathways		
10.30 – 11.00	The IAEA Competence framework for QE and RPO, IAEA	Andrea Luciani, IAEA, Austria
11.00 – 12.00	**Working session 2 | the establishment of qualification pathways and competence frameworks**	
12.00 – 13.00	*Lunch*	
13.00 – 14.15	**Working session 2 (continued) | the establishment of qualification pathways and competence frameworks**	
14.15 – 14.30	**Wrap-up of working session 2**	
14.30 – 15.00	*Break*	
Session 4 | New methods in radiation protection E&T		
15.00 – 15.20	CSI: Radioactive - Case 313: Radiation Protection: Staying Safely Non-Radioactive	Aline Thumm, NUTEC GmbH, Germany
15.20 – 15.40	Integrating Technical, Durability, and AI Competencies in Blended International Training weeks for nuclear engineering students	Sonja Schreurs, University of Hasselt, Belgium
15.40 – 16.45	**Working session 3 | New methods in radiation protection E&T**	
16.45 – 17.00	**Wrap-up of working session 3**	

19.00	**Optional | Get-together in Baden**

Thursday July 9, 2026		
Session 5 | Good practices of competence-based training events		
09.00 – 09.20	Implementation of a training module on the establishment and utilization of diagnostic reference levels in medical imaging for radiation protection training courses for professionals in Georgia	Davit Nadareishvili, Radiation Safety Centre, Georgia
09.20 – 09.40	Modular competence-based training in radiation protection for unsealed sources: combining e-learning, active learning and continuing professional development	Siria Medici, Institut de Radiophysique IRA/CHUV, Switzerland
09.40 – 10.00	Training and educational activities in radiation protection and ionizing radiation: the Italian experience	Flavia Groppi Garlandini, UNIMI, Italy
10.00 – 10.30	*Break*	
Session 6 | Summary of the working group sessions, further actions and outlook		
10.30 – 11.45	Summary of the working group sessions, further actions and outlook	
11.45 – 12.00	Closure of the EUTERP workshop	
12.00 – 13.30	*Lunch (optional)*	