

**15th European ALARA Network Workshop and 5th EUTERP Workshop
Education and Training in Radiation Protection: Improving ALARA Culture
Rovinj, Croatia, 7th-9th May 2014**

Version 5 - 24 February 2014 –

PROVISIONAL PROGRAMME

WEDNESDAY 7 MAY 2014

	Introduction
<i>Chairpersons</i>	<i>R. Paynter (PHE), F. Vermeersch (SCK•CEN)</i>
09:00 – 09:15	Welcome introduction <i>S. Medakovic, Director of Croatia's State Office for Radiological and Nuclear Safety</i>
09:15 – 09:30	EAN presentation <i>F. Vermeersch (SCK•CEN - EAN)</i>
09:30 – 09:45	EUTERP presentation <i>R. Paynter (PHE - EUTERP)</i>
	Session 1. Setting the scene
<i>Chairpersons</i>	<i>R. Paynter (PHE), F. Vermeersch (SCK•CEN)</i>
09:45 – 10:15	Education and training in radiation protection in the European Basic Safety Standards – its relation with ALARA (draft title) <i>G. Simeonov (EC – DG ENERGY)</i>
10:15 – 10:45	Views from HERCA (draft title) <i>T. Vermeulen (HERCA)</i>
10:45 – 11:15	<i>Coffee-break, Posters</i>
	Session 1. Setting the scene – cont.
<i>Chairpersons</i>	<i>R. Paynter (PHE), F. Vermeersch (SCK•CEN)</i>
11:15 – 11:30	ENETRAP III <i>M. Coeck (SCK•CEN)</i>
11:10 – 11:45	
11:45 – 12:00	
12:00 – 12:15	Recent developments within the European Framework of RP Education and Training <i>Annemarie Schmitt-Hannig (BfS)</i>
12:15 – 12:30	Discussion

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12:30– 14:00	Lunch Break
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Session 2. <i>Chairperson</i>	Building ALARA into Radiation Protection Training Programmes
14:00 – 14:15	Optimisation of radiation protection (ALARA): a practical guidebook <i>C. Schieber (CEPN)</i>
14:15 – 14:30	How Inspections can contribute to the dissemination of ALARA culture
14:30 – 14:45	Elaboration of training scheme on radiation protection of patients <i>C. Rousse (ASN)</i>
14:45 – 15:00	Drawing up radiation protection plans <i>S.-G. Jahn (ENSI)</i>
15:00 – 15:15	Discussion

15:15 – 15:45	Coffee-break, Posters
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	Working Group Session 4 WGs in parallel
15:45 – 17:45	WG1. How to assess the effectiveness of training? <i>Facilitator: J. Stewart (PHE)</i>
	WG2. Tools to improve the effectiveness of training <i>Facilitator: F. Vermeersch (SCK•CEN)</i>
	WG3. What is achieved by recognition schemes? <i>Facilitator: R. Paynter (PHE)</i>
	WG4. Incorporating ALARA culture in training requirements - How to improve risk awareness and the radiation protection and ALARA understanding for different stakeholders and for different exposure situations?

	<i>Welcome Cocktail</i>
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THURSDAY 8 MAY 2014

Session 3.	Measuring the effectiveness of training, the role of qualification and recognition schemes
<i>Chairperson</i>	<i>A. Schmitt-Hannig (BfS)</i>
08:30 – 09:00	Assessing the effectiveness of training - what are we Looking for? <i>J. Stewart (PHE)</i>
09:00 – 09:15	Testing the effectiveness of training - a practical solution <i>E. Grindod (PHE)</i>
09:15 – 09:30	Teaching RP principles - possibilities for more effective approach <i>M. Koželj (Jožef Stefan Institute)</i>
09:30 – 09:45	Discussion
09:45– 10:45	<i>Poster Session (with Authors)</i> <i>Coffee break</i>
Session 4	Tools and Methods
<i>Chairpersons</i>	<i>M. Schouwenburg</i>
10:45 – 11:05	The use of 3D computer simulation tools in specific job training, risk communication and safety <i>F. Vermeersch (SCK•CEN)</i>
11:05 – 11:25	“Serious Game” (3D video games) for training workers at nuclear facilities <i>E. Pin (CEA)</i>
11:25 – 11:45	Spanish Course for the Radiation Protection Experts (RPE) - a new approach in the methodology <i>C. Llorente (CIEMAT)</i>
11:15 – 12:05	How to integrate the « Humans factors » dimensions within a reviewing project of the HP training for outside workers? <i>I. Fucks (EDF)</i>
12:05 – 12:20	Discussion
12:30– 14:00	<i>Lunch Break</i>

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	WG4. Incorporating ALARA culture in training requirements - How to improve risk awareness and the radiation protection and ALARA understanding for different stakeholders and for different exposure situations?
15:30 – 16:00	<i>Coffee-break, Posters</i>
Session 5. Chairperson	National Approaches <i>Ivana Kralik (SORNS)</i>
16:00 – 16:15	Education and Training system in Croatia (Case study) <i>D. Posedel (Ekoteh dosimetry Co.Ltd.)</i>
16:15 – 16:30	Greek Atomic Energy Commission initiatives with respect to education and training of outside workers <i>M. Kalathaki (GAEC)</i>
16:30 – 16:45	Providing qualifications as the key to professional Radiation Protection Culture - RP education and training in Germany in the light of the new EURATOM BSS <i>J.Vogel (German Federal Ministry for the Environment, Nature Conservation and Nuclear Safety)</i>
16:45 – 17:00	The challenge of implementing Radiation Protection Experts and Officers in Belgium <i>P. Froment (AV Controlatom)</i>
17:00 – 17:15
17:15 – 17:30	Discussion
18:30	<i>Departure to St Andrew Island for Gala Diner</i>

FRIDAY 9 MAY 2014

Session 6.	Working Group Synthesis
<i>Chairpersons</i>	<i>M. Coeck (SCK•CEN), P. Croüail (CEPN)</i>
09:00 – 09:30	WG1
09:30 – 10:00	WG2
10:00 – 10:30	WG3
10:30 – 11:00	WG4
11:00 – 11:30	<i>Coffee-break, Posters</i>
	Closing Session
11:30 – 12:00	Workshop Conclusions <i>P. Croüail (EAN), R. Paynter (EUTERP), P. Shaw (EAN),</i>
13:00 – 20:00	<i>Excursion to Brijuni Islands</i>

LIST OF POSTERS

<p>Radiation protection training for emergency services in Austria <i>J. Neuwirth, A. Stolar, P. Mitterbauer, A. Hefner</i> <i>Seibersdorf Laboratories, Germany</i></p>
<p>Direct Digital imaging; can we really reveal the reasons behind the image rejection. <i>Sarah Hagi</i> <i>King Abdulaziz university, Saudi Arabia</i></p>
<p>Computed Tomography Referral Practice - Experience at a Large Academic Hospital <i>Sarah Hagi¹, Mawya Khafaji¹, Naushad Ali, Basheer Ahmed²</i> ¹<i>Radiology Department, Faculty of Medicine, King Abdulaziz University, Jeddah, Saudi Arabia</i> ²<i>Radiology Department, King Abdulaziz University Hospital, Jeddah, Saudi Arabia</i></p>
<p>Cooperation in education and training In Nuclear CHEMistry (CINCH-II) <i>Dr. Claudia Morariu</i> <i>Institute for radioecology and radiation protection, Leibniz Universität Hannover</i></p>
<p>Training Course For Radiation Protection Supervisors/Operators Of Radioactive Facilities <i>R. Medina Campos, J. Baró Casanovas, L. Morrón Ruiz de Gordejuela, A. Marquez Mencía</i> <i>Asesoría y Control en Protección Radiológica (ACPRO, S.L.), Barcelona, Spain.</i></p>
<p>The Effectiveness And Efficiency Of Radiation Protection Education And Training In Lithuania <i>I. Gatelytė</i> <i>Division of Radiation Protection Training, Department of Expertise and Exposure Monitoring, Radiation Protection Centre, Vilnius, Lithuania</i></p>
<p>Gamma Radiography: Preparation for Damage-Fighting in Training and Praxis <i>Kaps C, Steege A, Sölter B</i> <i>German Society for Non-Destructive Testing e.V. (DGZfP e.V.)</i></p>
<p>Multistep Optimization Approach in Medical Radiology: a patient imperative <i>Andrejs Dreimanis</i> <i>Radiation safety centre of the State Environmental Service, Latvia</i></p>
<p>No Cancer Patient Should Be Alone: King Abdulaziz University Hospital (KAUH) Supports Thyroid Cancer Patients <i>Alsafi K; Haji S; Khafaji M</i> <i>King Abdulaziz University, School of Medicine, Radiology Department, Medical Physics Unit</i></p>
<p>The Training Center on Radiation Protection in Institute of Radiation Protection and Dosimetry, Brazil <i>Lidia Vasconcellos de Sá, Aucyone da Silva, Simone Kodlulovisch Renha, (CNEN, Brazil)</i></p>
<p>Level of Education and Training in Radiation Protection in The Curriculum of Health Professionals In Norway <i>R.D. Silkoset, A. Widmark, E.G. Friberg</i> <i>Norwegian Radiation Protection Authority (NRPA)</i></p>

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Synergetic Approach to Alara Culture

Aayda Al Shehhi, Dejan Trifunovic, Ali Al Remeithi, Buthaina Al Ameri
Federal Authority for Nuclear Regulation, UAE

Trasnusafe

Michèle Coeck
SCK-CEN

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