

## REFRESHER COURSES

### Tuesday, June 24, 2014 – 8:00 - 9:00

<b>Refresher Course 1-1</b> Radiation biology <i>by Wolfgang Müller</i>	Room 14
<b>Refresher Course 2-1</b> Internal dosimetry and individual monitoring <i>by George Etherington</i>	Room 13
<b>Refresher Course 3-1</b> Indoor radon sources, remediation and prevention in new construction <i>by Claudio Valsangiacomo</i>	Room 7

### Wednesday, June 25, 2014 – 8:00 - 9:00

<b>Refresher Course 1-2</b> Clinical auditing and quality assurance <i>by Hannu Jarvinen</i>	Room 13
<b>Refresher Course 2-2</b> Optical safety <i>by Werner Horak</i>	Room 7
<b>Refresher Course 3-2</b> Radiation epidemiology <i>by Linda Walsh</i>	Room 14

### Thursday, June 26 – 8:00 - 9:00

<b>Refresher Course 1-3</b> Optical radiation risk assessment in the working environment <i>by Hans-Dieter Reidenbach</i>	Room 13
<b>Refresher Course 3-3</b> Radiation protection metrology and measurements <i>by Claude Bailat</i>	Room 14

### Friday, June 27, 2014 – 8:00 - 9:00

<b>Refresher Course 1-4</b> The role of medical physicist in optimizing protection of patients in medicine <i>by Francis Verdun</i>	Room 13
<b>Refresher Course 2-4</b> Radiation protection in NORM industries <i>by Wouter Schroeyers</i>	Room 14
<b>Refresher Course 3-4</b> EMF Safety <i>by Ralf Bodemann</i>	Room 7

PROGRAMME DAY BY DAY

Sunday, June 22, 2014

14:00	Registrations
15:30	Art Exhibition June 22 - 27, 2014
18:00	

PROGRAMME DAY BY DAY

Monday, June 23, 2014

08:00	Registrations	
10:00	<b>Workshop on Data Collection organized by UNSCEAR/WHO/IRPA</b>	Room 18
12:00		
13:00		
13:00	<b>Opening Ceremony</b> 1. Klaus Henrichs (Congress President) 2. Christophe Murith (ARRAD President) 3. Renate Czarwinski (IRPA President) 4. Pascal Strupler (FOPHO Director, Federal office of public Health)	
15:30	<b>P1: RP Culture &amp; Safety Culture</b> <i>Chairs: Klaus Henrichs &amp; Christophe Murith</i>  1. The Ethical Foundations of the Radiological Protection System (Jacques Lochard) 2. IRPA Guiding Principles for Establishing a Radiation Protection Culture (Bernard Le Guen) 3. What can we learn from other high safety industries? (Henry Petit)	Room 1
15:30	COFFEE BREAK & POSTERS VIEWING	
16:30		
16:30	<b>P2: The Pillars of RP Culture</b> <i>Chairs: Renate Czarwinski &amp; Sébastien Baechler</i>  1. The scientific basis of radiation protection (Malcolm Crick) 2. ICRP: From Science to Recommendations (John Harrison) 3. The transposition of the principles of radiation protection in international and Euratom Basic Safety Standards (Augustin Janssens)	
18:00		
18:00	Welcome Reception	
20:30		

09:00	<b>S1-1: Fundamentals &amp; Regulations</b> Room 2 Chairs: Augustin Janssens & Axel Böttger <ol style="list-style-type: none"> <li>1. Modernisation and consolidation of the European Radiation Protection legislation – the new Euratom Basic Safety Standards Directive (Stefan Mundigl)</li> <li>2. Revision of the Swiss radiation protection legislation (Salome Ryf)</li> <li>3. ICRP draft publication on “Radiological Protection against Radon Exposure” (Jean-Francois Lecomte)</li> <li>4. Radiation Protection and Nuclear Safety Standards in Europe (Helena Janzekovic)</li> </ol>	<b>S2-1: Biological effects</b> Room 3 Chairs: Wendla Paile & Joachim Breckow <ol style="list-style-type: none"> <li>1. Radiation Related Health Risks in the German WISMUT Uranium Miners Cohort (Linda Walsh)</li> <li>2. INT-Thyr: Integrating radiation biomarkers into the epidemiology of post-Chernobyl thyroid cancer in Belarus (Eileen Pernot)</li> <li>3. Analysis of the mortality associated with chronic external radiation exposure in the French combined cohort of nuclear workers (Dominique Laurier)</li> </ol>	<b>S3-1: Measurements &amp; Dosimetry</b> Room 1 Chairs: Rolf Behrens & Alan Rannou <ol style="list-style-type: none"> <li>1. Developments and Trends in Bioequivalent Dosimetry (Michael Hajek)</li> <li>2. Dose measurements during extra vehicular activities by the PILLE thermoluminescent dosimeter system (Tamás Pázmándi)</li> <li>3. Mapping Contaminated Sites Using Mobile in situ Gamma Spectrometry: Marcassin System (Panza Fabien)</li> <li>4. Ionizing Radiation Metrology for the Metallurgical Industry (Eduardo Garcia Toraño Martinez)</li> </ol>	<b>S4-1: Young Scientists and Professionals Award</b> Room 5 Chairs: Alfred Hefner & Eduardo Gallego <ol style="list-style-type: none"> <li>1. Fast neutron detector using a Timepix detector (Boris Bulanek)</li> <li>2. Optically stimulated luminescence in electronic components for emergency dosimetry (Therése Geber-Bergstrand)</li> <li>3. Radon concentration as an indicator of the indoor air quality - development of an efficient measurement method (Franz Anton Rößler)</li> <li>4. Decontamination of Personnel: A fit for purpose training programme (Emma O'Mara)</li> </ol>	09:00
10:30	COFFEE BREAK & POSTERS VIEWING				10:30
11:30	<b>PS2-1: Education &amp; Interaction with Society   PS6-1: Radiation Protection in Medicine</b> Posters hall (More details in the full programme)				11:30
11:30	<b>S1-2: Fundamentals &amp; Regulations</b> Room 2 Chairs: Augustin Janssens & Axel Böttger <ol style="list-style-type: none"> <li>1. Regulating the Path from Legacy Recognition, through Recovery to Release from Regulatory Control (Malgorzata K. Sneve)</li> <li>2. Regulatory supervision and assessment of the radiation situation in the areas of the former military technical bases (Nataliya Shandala)</li> <li>3. Radiation Safety Assessment of veterinary medicine (Marie Huss)</li> </ol>	<b>S2-2: Biological effects</b> Room 3 Chairs: Wendla Paile & Joachim Breckow <ol style="list-style-type: none"> <li>1. Paediatric Computed Tomography Exposure and Radiation Induced Cancer Risk: Preliminary Results of the French Cohort (Neige Journy)</li> <li>2. The CURE project: a Concerted Action for an Integrated (biology-dosimetry-epidemiology) Research project on Occupational Uranium Exposure (Dominique Laurier)</li> <li>3. Lung cancer risk from radon and smoking – Is the combined effect multiplicative or additive? (Ladislav Tomasek)</li> </ol>	<b>S3-2: Measurements &amp; Dosimetry</b> Room 1 Chairs: Rolf Behrens & Alan Rannou <ol style="list-style-type: none"> <li>1. Telescoring and laboratory inter-comparison exercise of the gamma-H2AX biodosimetry assay (Jayne Moquet)</li> <li>2. Operational Guidance for Radiation Emergency Response Organisations in Europe for using biodosimetric tools developed in the EU project MULTIBIODOSE (Alicja Jaworska)</li> <li>3. Automation of Two Biological Dosimetry Methods Based on Telomere and Centromere Staining (Radhia M'kacher)</li> </ol>	<b>S4-2: Young Scientists and Professionals Award</b> Room 5 Chairs: Alfred Hefner & Eduardo Gallego <ol style="list-style-type: none"> <li>1. Real Time Dosimetry System in Catheterisation Laboratory: Utility as a Learning Tool in Radiation Protection (María Pinto-Monedero)</li> <li>2. Measurement of 177Lu activity and assurance of the international and national metrological traceability for its use in nuclear medicine (Razvan Ioan)</li> <li>3. Radiation Protection for the MedAustron facility (Lukas Jägerhofer)</li> </ol>	11:30
12:30	LUNCH & POSTERS VIEWING				12:30
14:00	<b>PS5-1: Measurements &amp; Dosimetry   PS6-2: Radiation Protection in Medicine   PS8-1: Radio Protection of the Public   PS9-1: Radio Protection of Workers</b> Posters hall (More details in the full programme)				14:00
14:00	<b>P3: Lessons learnt from emergencies</b> Room 1 Chairs: Miroslav Pinak & Maria Neira <ol style="list-style-type: none"> <li>1. Lessons learned from the Fukushima Daiichi NPP accident on emergency preparedness and response (Toshimizu Homma)</li> <li>2. Radiation Protection Issues identified from nuclear Emergencies (Wolfgang Weiss)</li> <li>3. Lessons learnt from emergencies in the medical field (Michel Bourguignon)</li> </ol>				14:00
15:30					15:30
15:30	COFFEE BREAK & POSTERS VIEWING				15:30
16:30	<b>PS2-2: Education &amp; Interaction with Society   PS6-3: Radiation Protection in Medicine</b> Posters hall (More details in the full programme)				16:30
16:30	<b>S1-3: Fundamentals &amp; Regulations</b> Room 2 Chairs: Pedro Vaz & George Pillar <ol style="list-style-type: none"> <li>1. The WHO programme on radiation protection and public health (Emilie van Deventer)</li> <li>2. Medical Ethics and ICRP Principles, uneasy allies in Radiation Protection of Patients (Jim Malone)</li> <li>3. Ethical Dimensions of the Radiological Protection System : Results of the first European Workshop (Marie Claire Cantone)</li> <li>4. Implications of tissue reactions and non-cancer effects for the radiation protection system (Shinichiro Miyazaki)</li> <li>5. Risk management policies and practices regarding Radio Frequency Electromagnetic Fields (RF EMF): Results from an international WHO survey (Amit Dhungel)</li> </ol>	<b>S2-3: Biological effects</b> Room 3 Chairs: Maria Perez & Ladislav Tomasek <ol style="list-style-type: none"> <li>1. European Low Dose Risk Research Strategy - Future of research on biological effects at low doses (Sisko Salomaa)</li> <li>2. Accelerated Telomere Shortening in Peripheral Blood Lymphocytes of Hodgkin Lymphoma with Coronary Artery Disease Post Treatment (Radhia M'kacher)</li> <li>3. Inter- and intra-individual variability of baseline and radiation-induced gamma-H2AX foci (Stephen Barnard)</li> <li>4. Assessment of trigger levels in neuroembolization procedures (Eleftheria Nirgianaki)</li> </ol>	<b>S3-3: Measurements &amp; Dosimetry</b> Room 1 Chairs: Hans Menzel & Michael Hajek <ol style="list-style-type: none"> <li>1. ICRU Review of Operational Quantities for External Radiation Exposure: Time for a Change? (David Bartlett)</li> <li>2. European cooperation in ionizing radiation and radionuclide metrology research (Franz-Josef Maringer)</li> <li>3. Influence of the phantom shape (slab, cylinder, or Alderson) on the performance of an Hp (3) eye dosimeter (Rolf Behrens)</li> <li>4. Results of the French national working group GEDOC for occupational eye-lens exposure in clinical and industry fields (Julien Ranouil)</li> <li>5. The performance of passive radon detectors in different exposure situations and the results of long-term measurements in dwellings (Fabio Barazza)</li> </ol>	<b>S4-3: Young Scientists and Professionals Award</b> Room 5 Chairs: Andreas Baumgartner & Sven Nagels <ol style="list-style-type: none"> <li>1. The study of phosphogypsum spread from the deposition site into the environment using radionuclides (Tomislav Bituh)</li> <li>2. Mobile In Situ Gamma Spectrometry For Environmental Contamination Monitoring Marcassin System (Fabien Panza)</li> <li>3. Assessment of radiation impact on biota as a result of hypothetical accidents at low-powered Nuclear Power Plant (Rena Mikailova)</li> <li>4. Dynamic external dose assessment by LES modeling of radioactive pollutant dispersion over an open field (Lieven Verveckken)</li> <li>5. Assessment of internal contamination of people returned to Florence after Fukushima accident and dose estimates (Christian Paolo Luca Fulcheri)</li> </ol>	16:30
18:30					18:30

09:00	<b>S1-4: Radioecology &amp; Environment</b> Room 3 Chairs: François Brechignac & Gerhard Pröhl <ol style="list-style-type: none"> <li>The European Radioecology Alliance: an international cooperation initiative in radioecology to go towards sustainability (Lorraine Currivan)</li> <li>Genetic variability in chronic irradiated plant populations (Polina Volkova)</li> <li>Characteristics of ecosystems in Mayak PA reservoirs for storing of liquid radioactive waste (Evgeny Pryakhin)</li> <li>Risk and dose now and in the future: A biosphere assessment of high-level radioactive waste disposal in Sweden (Jack Valentin)</li> </ol>	<b>S2-4: RP of patients in diagnostic procedures</b> Room 1 Chairs: Nina Chobanova & Wolfgang Eschner <ol style="list-style-type: none"> <li>Involvement of medical physicists in radiology: our experience after 18 months of practice (Francis Verdun)</li> <li>European Policy for Radiation Protection of Patients – Recent Developments, Challenges and Opportunities (Georgi Simeonov)</li> <li>Audits of SPECT-CT Facilities in Switzerland (Thomas Flury)</li> <li>Calculation of CT Dose Index Corrected by Effective Diameter in Patients According to Report 204 of the American Association of Physicists In Medicine (AAPM) (Valeria Lobos Guerra)</li> </ol>	<b>S3-4: Measurements &amp; Dosimetry</b> Room 2 Chairs: Alexander Brandl & Martina Froning <ol style="list-style-type: none"> <li>Models and Phantoms for Internal Dose Assessment (Augusto Giussani)</li> <li>30-Year Follow up of a Pu/Am Inhalation Case (Christian Wernli)</li> <li>Estimation of the contribution of short-lived radioiodines to the thyroid dose for the public in case of inhalation intake following the Fukushima accident (Sergey Shinkarev)</li> </ol>	<b>S4-4: IRPA Associates Societies Forum</b> Room 5 Chair: Bernard LeGuen	09:00
10:30	COFFEE BREAK & POSTERS VIEWING				10:30
11:30	PS1-1: Biological Effects   PS7-1: Radioecology & Environment				11:30
11:30	<b>S1-5: Radioecology &amp; Environment</b> Room 3 Chairs: François Brechignac & Gerhard Pröhl <ol style="list-style-type: none"> <li>Proof of the Radiological Remediation Success at former Uranium Mining and Milling Sites (WISMUT Sites) in Saxony, Germany (Peter Schmidt)</li> <li>IRSN's monitoring strategy for former uranium mining sites: regional radiological report approach (Lebeau-Livé Audrey)</li> <li>Determination of naturally occurring radioisotopes of the U- and Th-decay series in aqueous samples via LSC measurement and alpha spectrometry (Jost Eikenberg)</li> </ol>	<b>S2-5: RP of patients in diagnostic procedures</b> Room 1 Chairs: Nina Chobanova & Wolfgang Eschner <ol style="list-style-type: none"> <li>Towards a CT benchmarking in the framework of patient exposure optimization (Julien Ott)</li> <li>Establishment of Diagnostic Reference Levels in cardiac CT in France: A need for patient dose optimization (Cecile Etard)</li> <li>Should we update the computed tomography procedures categorization? (Mélanie Champendal)</li> </ol>	<b>S3-5: Education &amp; Interaction with Society</b> Room 2 Chairs: Peter Marsden & Hielke Freerk Boersma <ol style="list-style-type: none"> <li>Science and Values in Radiological Protection Decision-Making (Ted Lazo)</li> <li>Lessons to Be Learnt – The “Asse” Case and the Challenges Concerning Disposal of Radioactive Waste (Rainer Gellermann)</li> <li>Impact of the Accident at Fukushima Daiichi in International Public Opinion (Marie-Helene El Jammal)</li> </ol>	<b>S4-4: IRPA Associates Societies Forum</b> Room 5 Chair: Bernard LeGuen	11:30
12:30	LUNCH & POSTERS VIEWING				12:30
14:00	PS3-1: Emergencies, Safety & Security   PS5-2: Measurements & Dosimetry   PS7-2: Radioecology & Environment				14:00
14:00	<b>P4: Interaction with society</b> Room 1 Chairs: Hans Ruedi Völkle & Sisko Salomaa <ol style="list-style-type: none"> <li>Lessons learnt from radiological emergencies: key issues at European and international levels (Jacques Repussard)</li> <li>Interaction and Communication with Society : An underdeveloped Aspect of Radiation Protection (Tanja Perko)</li> <li>Interacting with patients to improve radiation protection (Katrine Kirk)</li> </ol>				14:00
15:30	COFFEE BREAK & POSTERS VIEWING				15:30
16:30	PS4-1: Fundamentals & Regulations   PS5-3: Measurements & Dosimetry				16:30
16:30	<b>S1-6: RP of the Public</b> Room 3 Chairs: Sybille Estier & Stefan Mundigl <ol style="list-style-type: none"> <li>Implementation of the new international standards in the Swiss legislation concerning radon protection in dwellings (Martha Palacios)</li> <li>'SUDOQU': a new model to derive criteria for surface contamination of non-food (consumer) goods, containers and conveyances after distant nuclear accidents (Teun van Dillen)</li> <li>Thoron in the Netherlands – an unexpected exposure (Fieke Dekkers)</li> <li>Natural radioactivity in waterworks – the realisation of dose assessments and disposal of waterworks residues in Austria (Andreas Baumgartner)</li> </ol>	<b>S2-6: RP of medical personnel</b> Room 1 Chairs: Saveta Miljanic & Werner Rühm <ol style="list-style-type: none"> <li>Occupational radiation protection of health workers (Eliseo Vano)</li> <li>Influence of dosimeter position for the assessment of eye lens dose during interventional cardiology (Merce Ginjaume)</li> <li>Dosimetry approaches for the assessment of cumulative eye lens doses for retrospective epidemiological studies on interventional radiologists and cardiologists (Jad Farah)</li> <li>Occupational dose levels in neuro-interventional radiology (Marta Sans Merce)</li> </ol>	<b>S3-6: Education &amp; Interaction with Society</b> Room 2 Chairs: Peter Marsden & Hielke Freerk Boersma <ol style="list-style-type: none"> <li>Fostering RP culture: the educational aspect (Eduardo Gallego)</li> <li>Radiation Protection for Technical Applications – Will the revised EU BSS change the System of Education and Training in the European Countries? (Jan-Willem Vahlbruch)</li> <li>Recent Developments within the European Framework of Radiation Protection Education and Training (Annemarie Schmitt-Hannig)</li> <li>Success and costs of different approaches to involve the citizen in radon protection (Wolfgang Ringer)</li> <li>The first year of a Novel Swedish Master's Degree Programme for Applied Radiation Protection (Mats Isaksson)</li> </ol>	<b>S4-6: Panel Implementation of the system of Protection</b> Room 5 Moderator: Jacques Repussard Panel: Renate Czarwinski, Chris Englefield, Augustin Janssens, Bernd Lorenz, Miroslav Pinak, Hartmut Schulze, Christian Streffer	16:30
18:30					18:30

09:00	<b>S1-7: RP of Workers</b> <i>Chairs: Constantin Milu &amp; Roger Coates</i> Room 2 1. Radiation Protection challenges in the management of radioactive waste from high energy accelerators (Luisa Ulrici) 2. Management of Radioactive Materials from Non-Regulated Facilities (Teresa Ortiz) 3. Radiation Safety Approach in Well Logging (Rogerio dos Santos Gomes) 4. Individual monitoring of internal exposure at the Shelter object during the construction of New Safe Confinement (Iurii Bonchuk)	<b>S2-7: RP of patients in therapeutic procedures</b> <i>Chairs: Carole Rousse &amp; François Bochud</i> Room 1 1. The Status of Education and Training in Medical Radiation Protection in Europe (John Damilakis) 2. An integrated managing system for radiological protection and safety in the hospital supporting safety culture (Anja Almén) 3. Feedback of events notified to the French Nuclear Safety Authority during the period 2007-2012 in the medical field (Carole Rousse) 4. Patient and staff exposure during Interventional Cardiology procedures in Switzerland (Adela Yaiza Carnicer Caceres)	<b>S3-7: Emergencies, Safety &amp; Security</b> <i>Chairs: Zhanat Carr &amp; Toshimizu Homma</i> Room 3 1. Assessments of worker doses and potential health effects resulting from the Fukushima accident (George Etherington) 2. International nuclear/radiological emergency data and information exchange: the EC experience during the Fukushima accident and how it could be improved (Marc De Cort) 3. Capabilities in the Nordic region for assessment of accidental uptake of radioiodine in emergency situations (Lilian Del Risco Norrild) 4. The CODIRPA: a french initiative to manage post-accidental situations. Main achievements and future challenges (Nathalie Tchilian)	09:00
10:30	COFFEE BREAK & POSTERS VIEWING			10:30
11:30	<b>PS1-2: Biological Effects   PS6-4: Radiation Protection in Medicine</b> (More details in the full programme)			11:30
11:30	<b>S1-8: RP of Workers</b> <i>Chairs: Constantin Milu &amp; Roger Coates</i> Room 2 1. Radiation safety aspects of a high power laser system at SPring-8 SR - SACLA XFEL inter-availably experimental facility (Yoshihiro Asano) 2. Shielding doors for the mazes of the ITER neutral beam test facility (Sandro Sandri) 3. Equine veterinary radioprotection (Catherine Roy)	<b>S2-8: RP of patients in therapeutic procedures</b> <i>Chairs: Carole Rousse &amp; François Bochud</i> Room 1 1. Interventional cardiology: dose optimization is still not achieved (Nick Ryckx) 2. Optimisation of treatment planning using 3D personalised Monte Carlo dosimetry: application to 90Y-microspheres therapy (Aurélie Desbrée) 3. "X Ray radiation lesions as complications of 16 Interventional Procedures assisted in the Burns Hospital of Buenos Aires." Radiopathology Committee (Mercedes Portas)	<b>S3-8: Emergencies, Safety &amp; Security</b> <i>Chairs: Zhanat Carr &amp; Toshimizu Homma</i> Room 3 1. REFOX - a joint Nordic radiological emergency response exercise conducted in Sweden (Therése Geber-Bergstrand) 2. Radiological analysis of the impact of a "Dirty Bomb" in a crowded area. A comparison of simulations (Sandro Sandri) 3. RENEb - Status Quo of the Biodosimetry Network (Ulrike Kulka)	11:30
12:30	LUNCH & POSTERS VIEWING			12:30
14:00	<b>PS3-2: Emergencies, Safety &amp; Security   PS5-4: Measurements &amp; Dosimetry   PS8-2: Radio Protection of the Public   PS9-2: Radio Protection of Workers</b> (More details in the full programme)			14:00
14:00	<b>PS5: Fostering RP</b> <i>Chairs: Shengli Niu &amp; Ferid Shannoun</i> Room 1 1. Bonn conference implementation of results (Axel Böttger) 2. Prospects for the IAEA International Conference on Occupational Radiation Protection (Caroline Schieber) 3. Radiation protection against radon and the new ICRP recommendations (François Paquet)			14:00
15:30	COFFEE BREAK & POSTERS VIEWING			15:30
16:30	<b>PS4-2: Fundamentals &amp; Regulations   PS6-5: Radiation Protection in Medicine</b> (More details in the full programme)			16:30
16:30	<b>S1-9: RP of Workers</b> <i>Chairs: Gregor Omahen &amp; Michel Hammans</i> Room 2 1. Trend of occupational exposure to external sources during the last 20 years since the introduction of ICRP 60 recommendations in Switzerland (Sébastien Baechler) 2. New Case Study- Information and Regulatory Issues for the Management of International Outside Workers, and Integration of Risk Management at Npps (Halil Burcin Okyar) 3. Obligatory Medical Examinations and Examination of Occupational Disease for the Employees Working with Ionizing Radiation Sources in Russian Federation (Andrey Bushmanov) 4. Estimation of 239PU Activity in Lungs Using 241AM as A Tracer - Solution of Human Respiratory Tract Model (Minal Nadar) 5. Radiation Protection Aspects during Removal of Disused Radioactive Sources in Ukraine (Gunter Pretzsch)	<b>S2-9: Measurements &amp; Dosimetry</b> <i>Chairs: Christian Wernli &amp; Thomas Otto</i> Room 1 1. Setting up the EURADOS Strategic Research Agenda: Visions on Dosimetry Research for the Next 20 Years (Filip Vanhavere) 2. Requirement for European high-energy quasi-monoenergetic neutron field facility (Sabine Mayer) 3. Exposure indicators in health-environment: the case of 50/60 Hz magnetic field (Isabelle Magne) 4. The Cern Radiation Monitoring System for the Environment and Safety (Juha Hast) 5. Development of a retrospective / fortuitous accident dosimetry service for the UK based on optically stimulated luminescence (Richard Smith)	<b>S3-9: Emergencies, Safety &amp; Security</b> <i>Chairs: Frank Hardeman &amp; Florian Gering</i> Room 3 1. NERIS: The European Platform on Preparedness for Nuclear and Radiological Emergency Response and Recovery (Thierry Schneider) 2. Radioactive Source Security: The cultural challenges (Chris Englefield) 3. PREPARE: Innovative integrated tools and platforms for radiological emergency preparedness and post-accident response in Europe (Wolfgang Raskob) 4. Challenges to Strengthen Nuclear/Radiological Emergency Preparedness and Response Capabilities (Noriah Mod Ali) 5. Enhancing safety and security of radioactive sources in Germany (Ralph Dollan)	16:30
18:30	COFFEE BREAK & POSTERS VIEWING			18:30

12:15 **Lunchtime Seminar:** room 5  
 13:45 **Radiation Protection in Pediatric Imaging by WHO**  
 (More details in the full programme)

<b>09:00</b>	<b>P6: RP against non-ionizing radiation</b> <i>Chairs: Emilie Van Deventer &amp; Rüdiger Matthes</i>		Room 1
	<ol style="list-style-type: none"> <li>1. Epidemiological evidence and its impact on NIR radiation protection (Maria Feychting)</li> <li>2. Challenges in the Protection against Optical Radiation Hazards (Karl Schulmeister)</li> <li>3. NIR in medicine - future challenges (Zenon Sienkiewicz)</li> </ol>		
<b>10:30</b>			
<b>10:30</b>	COFFEE BREAK & POSTERS VIEWING		Posters hall
<b>11:00</b>	<b>Closing Session</b> <i>Chairs: Klaus Henrichs &amp; Rolf Michel</i> <ul style="list-style-type: none"> <li>- Panel: Perspective for Future RP Culture                      participants: R. Czarwinski (IRPA), H. Menzel (ICRU, ICRP), S. Niu (ILO), M. Perez (WHO), M. Pinak (IAEA),                      F. Shannoun (UNSCEAR),</li> <li>- Congress Summary (Rolf Michel)</li> <li>- Young Scientists and Professionals Award (Alfred Hefner)</li> <li>- Poster Award (Christophe Murith)</li> <li>- Closing (Klaus Henrichs)</li> </ul>		
<b>13:30</b>			
<b>14:00</b>	<b>General Assembly of the European NERIS Platform</b>	Room 5	<b>Workshop on Radiation Protection Principles: Similarities and differences in ionizing and non-ionizing radiation</b>
<b>17:00</b>			

**Contact information**

4<sup>th</sup> European IRPA  
Congress Secretariat

SYMPORG SA  
Rue Rousseau 30  
CH-1201 Geneva, Switzerland  
Tel. +41-22 / 839.84.84  
Fax +41-22 / 839.84.85  
[www.symporg.ch](http://www.symporg.ch)

[www.irpa2014europe.com](http://www.irpa2014europe.com)  
[info@irpa2014europe.com](mailto:info@irpa2014europe.com)