

7th edition of the International Summer School on Nuclear Decommissioning and Waste Management

European Commission, Joint Research Centre
Institute for Transuranium Elements, Nuclear Security Unit
14-18 September 2015, JRC Ispra (Italy), Auditorium Bldg 58C

Organised by:



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Program

Monday 14 September 2015

Session 1:
Legal framework, regulation and guidelines
Characterization and Clearance
Chair: Kamel Abbas, JRC

09:00-09:30	Welcome address <i>JRC</i>
09:30-10:00	The Joint research Centre of the European Commission <i>Willem Janssens, JRC</i>
10:00-10:30	Radioactive waste and spent fuel management activities in the IAEA

	<i>Kai Moeller, IAEA</i>
10:30-11:00	<i>Coffee break and group picture</i>
11:00-11:30	Decommissioning programme of the Joint Research Centre <i>Pierre Kockerols, JRC</i>
11:30-12:00	The European waste directive: structure, content and implementation guidance <i>Gunnar Buckau, JRC</i>
12:00-12:30	Legal Process in D&WM <i>Jeroen Welbergen, COVRA</i>
12:30-12:45	Session Wrap Up
12:45-14:00	<i>Buffet lunch</i>
Session 2: Material Characterization and Clearance Chair: <i>Bent Pedersen, JRC</i>	
14:00-14:30	Non-destructive controls of radioactive waste packages at CEA <i>Lionel Boucher, CEA Cadarache</i>
14:30-15:00	Theme on the assessment of spent fuel for the direct disposal <i>Holger Tietze-Jaensch, FZ Julich</i>
15:00-15:30	Assessment of alpha emitter's content in radioactive waste <i>Bent Pedersen, JRC</i>
15:30-16:00	<i>Coffee break</i>
16:00-16:30	Waste and Materials' characterization systems <i>Pete Burgess, Nuclear Consultant</i>
16:30-17:00	TBD <i>Roberto Accorsi, JRC</i>
17:00-17:15	Session Wrap Up
Tuesday 15 September 2015	

Session 3: Radiation Protection Chair: Pete Burgess	
09:00-09:30	Stakeholder's engagement <i>Marie-Claire Cantone, UNIMI</i>
09:30-10:00	Communication and societal aspects in D&WM programs <i>Tanja Perko, SCK-CEN</i>
10:00-10:30	Effects of low radiation doses <i>Philip Metcalf, BBM Consulting e.U.</i>
10:30-10:45	Coffee break
10:45-11:15	Recommendations and Standards for Radiation Protection for public, workers and environment " <i>Eduardo Gallego, ICRP and Universidad Politecnica de Madrid</i>
11:15-11:45	Environmental Radiation Protection in D&WM' <i>Mike Wood, Salford University</i>
11:45-12:15	Biological research on low doses <i>Anna Giovanetti, ENEA</i>
12:15-12:30	Session Wrap Up
12:30-13:30	Buffet lunch
Session 4: Visit of JRC Ispra decommissioning facilities Chair: Francesco Basile, JRC	
13:30-17:00	Visit of ESSOR reactor and AREA 40 (ESSOR reactor + AREA 40)
18:00-20:00	Management of spent nuclear fuel and its waste <i>Pierre Kockerols, JRC</i>
Wednesday 16 September 2015	
Session 5: Operational Decommissioning Experience Chair: Marie Claire Cantone (UNIMI)	

09:00-09:30	Occupational exposure and categorization of exposed workers in a Nuclear facility <i>Celso Osimani, Nuclear Consultant</i>
09:30-10:00	Operational decommissioning experience in Germany <i>Przemyslaw Imielski, GRS</i>
10:00-10:30	waste management and Radiation Protection issues related to nuclear facility decommissioning in France <i>Ludovic Vaillant, CEPN</i>
10:30-11:00	Coffee break
11:00-11:30	Operational decommissioning experience in Netherlands <i>Jeroen Welbergen, COVRA</i>
11:30-12:00	Operational decommissioning experience in the United Kingdom <i>Denis Buckley, Nuclear Consultant</i>
12:00-12:30	International experience exchange and co-operation for safe and efficient decommissioning and radioactive waste management <i>Inge Weber, OECD NEA</i>
12:30-12:45	Session Wrap Up
12:45-14:00	Buffet lunch
Session 6: Waste management Chair: Gérard Bruno, IAEA	
14:00-14:30	Radioactive Waste: Disposal Options and Practices <i>Piero Risoluti, Nuclear Consultant</i>
14:30-15:00	TBD <i>Pete Burgess, Nuclear Consultant</i>
15:00-15:30	Decommissioning planning of a charged particles accelerator <i>Federica Simonelli, JRC</i>
15:30-16:00	Coffee break
16:00-16:30	Safety and Security aspects of the utilisation of high activity radioactive sources and their related disposal management <i>Kamel Abbas, JRC</i>
16:30-17:00	Organizational and Safety Culture as Related to Decommissioning <i>Michele Laraia, Nuclear Consultant</i>

17:00-17:15	Session Wrap Up
Thursday 17 September 2015	
Session 7: Visit to Caorso (SOGIN) Chair: Sabrina Romani	
08:00-10:00	Bus transfer from Ispra to Caorso
10:00-10:30	Registration
10:30-10:45	Welcome address by SOGIN Riccardo Casale, SOGIN
10:45-11:15	Decommissioning programme in Italy Mario Lazzeri, SOGIN
11:15-11:45	Storage and Disposal in Italy Angelo Paratore, SOGIN
11:45-12:15	Presentation of Caorso NPP decommissioning activities Sabrina Romani, SOGIN
12:15-13:15	Lunch
13:15-16:30	Visit of Caorso NPP
16:30-18:30	Bus transfer from Caorso to Ispra
Friday 18 September 2015	
Session 8: Training and Education in Nuclear Decommissioning and Waste Management Chair: Phil Metcalf	
09:00-09:30	The 9th edition of the Karlsruhe Nuclide Chart Zsolt SOTI, JRC
09:30-10:00	Nucleonica applications for radioactive waste management and decommissioning Joseph Magill, NUCLEONICA

10:00-10:30	Coffee break
10:30-11:00	Report on the Education and Training in Nuclear Decommissioning Seminar organised jointly by the European Commission Joint Research Centre and the University of Birmingham, Birmingham, 16th-17th April 2015 <i>Pierre Kockerols JRC</i>
11:00-12:00	Anonymous questionnaire and evaluation <i>All</i>
12:00-12:30	Certificate delivery and Closing Ceremony <i>All</i>
12:30	Buffet Lunch