

DAY 1 – Tuesday, Feb.16

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| 11:00 am– 1:00pm | Welcome and practicalities (<i>Place Haute</i>) and Lunch Buffet (<i>Salon Pasteur</i>) | | |
| 1:00pm- 3:15pm <i>Auditorium Pasteur</i> | <p>Symposium opening and introductory session Chaired by Ivo TRIPPUTI (Sogin, Italy) and Jonathan LEECH (Dentons UKMEA, UK)</p> <p>Invited presentations and round table:</p> <ul style="list-style-type: none"> - Sylvain Granger (<i>EDF, Head of decommissioning and waste management</i>) - Vladimir Michal (<i>IAEA, Decommissioning and Environmental Remediation Team leader</i>) - Michael Siemann (<i>OECD-NEA, Head of Division of Radiological Protection and Radioactive Waste Management</i>) - Michael Mononen (<i>Studsvik AB President and CEO</i>) - Guillaume Dureau (<i>AREVA, Senior Executive Vice President, Back End Business Group</i>) - Laurence Piketty (<i>CEA, Director of Nuclear Cleanup and Dismantling Division</i>) <p>Focus on OECD-NEA task groups:</p> <ul style="list-style-type: none"> - Preparation for Decommissioning during Operation and after Final Shutdown (Boris Brendebach) - Strategies for radiological characterisation for decommissioning of nuclear installations (Arne Larsson) | | |
| | 3:15pm-3:45pm | Coffee break – <i>Salon Pasteur</i> | |
| 3:45pm- 6:00pm <i>Auditorium Pasteur</i> | <p>SESSION 1 - Preparation for decommissioning: Strategic issues Chaired by Konrad SCHAUER (Areva, Germany) and Jean-Marie RONDEAU (EDF, France)</p> | | |
| | 3:50pm- 4:10pm | Preparation for future defuelling and decommissioning works on EDF Energy's UK fleet of Advanced Gas Cooled Reactors | John BRYERS (EDF Energy, UK) |
| | 4:10pm- 4:30pm | Compilation and analysis of national and international OPEX for Safe Enclosure prior to decommissioning | Paul J.C. DINNER (Science Concept International, Canada) |
| | 4:30pm- 4:50pm | Applicability of the EPRI Decommissioning Pre-Planning Manual to International Reactor Decommissioning | Leo LESSARD (AREVA, USA) |
| | 4:50pm- 5:10pm | The Importance of Experience Based Decommissioning in Planning | Per LIDAR (Studsvik, Sweden) |
| | 5:10pm- 5:30pm | EPRI Guidance for Transition from Operations to Decommissioning | Richard Mc GRATH / Michael SNYDER (EPRI, USA) |
| | 5:30pm– 6:00pm | Round table | |
| 6:00pm–7:00pm | Evening cocktail– <i>Salon Pasteur</i> | | |

DAY 2 – Wednesday, Feb.17

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| 8:00 – 8:30am | Coffee | | | |
| 8:30am-12:00pm | SESSION 2: Early Characterization Challenges Chaired by Sue AGGARVAL (NMNT intl, USA) and Thierry VARET (AREVA, France) – <i>Auditorium Pasteur</i> | | SESSION 3: Workforce transition, flexibility and knowledge management Chaired by Gilles GIRON (EDF, France) and Leo LESSARD (AREVA, USA) – <i>Romm Rhône 3A</i> | |
| 8:40am-9:05am | Characterization of Solid Building Structures with NaI Gamma Spectroscopy | Nadine LIEHR (E.ON, Germany) | Development of a Systematic Approach to Post Operational Clean Out at Sellafield | Alister DUNLOP (Sellafield Ltd, UK) |
| 9:05am-9:30am | Virtual reality : a way to prepare and optimize operations in decommissioning projects | Caroline CHABAL (CEA, France) | Applicability of Learning From Experience to Sellafield Post-Operation Clean Out and Decommissioning Programmes | Bertrand YTOURNEL (AREVA, France) |
| 9:30am-9:55am | Geostatistics for radiological characterization: overview and application cases | Yvon DESNOYERS (Geovariances, France) | Turnover Process at CRL from Operations to Decommissioning | Paul POTTELBERG (Canadian Nuclear Laboratories, Canada) |
| 10:00am–10:30 am | Coffee break– <i>Salon Pasteur</i> | | | |
| 10:30am-10:55am | New concepts and instruments for C14 and Cl36 measurements in i-graphite | Philippe LE TOURNEUR (AIRBUS Defence and Space, France) | Control and maintenance of the Superphenix knowledge and its specific sodium skills through an EDF and AREVA strong partnership | Jean-Claude RAUBER (EDF, France) and Thomas CALAIS (AREVA, France) |
| 10:55am-11:20am | State of the art of Monte Carlo technics for reliable activated waste evaluations | Mathieu CULIOLI (AREVA, France) and S. Janski (EDF, France) | Education and Training in Nuclear Decommissioning - Needs, Opportunities and Challenges | Pierre KOCKEROLS (European Commission, Joint Research Centre) |
| 11:30am-12:00pm | Round table | | Round table | |
| 12:00pm-1:00pm | LUNCH– <i>Salon Pasteur</i> | | | |

DAY 2 – Wednesday, Feb.17

| 1:00pm-3:30pm | | SESSION 4: Important parameters for efficient and cost effective waste management Chaired by Arne LARSSON (Studsvik, Sweden) and Christine GEORGES (CEA, France) – <i>Auditorium Pasteur</i> | | SESSION 5: Regulatory framework and industry needs Chaired by Inge WEBER (OECD NEA) and Henrik EFRAIMSSON (SSM, Sweden) <i>Room Rhône 3A</i> | |
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| 1:10pm-1:30pm | Taking into account dismantling and decommissioning waste management in conception and operation phases | Philippe PONCET (AREVA, France) | Characterisation: Challenges and Opportunities – A UK Perspective | Matthew EMPTAGE (Environment Agency, UK) | |
| 1:30pm-1:50pm | The Prospects of Polymers Using For Radwaste Solidification at the Stage of Decommissioning Preparation | Yury POKHITONOV (VG Khlopin Radium Institute, Russia) | Decommissioning Licensing Process of Nuclear Installations in Spain | Cristina CORREA SÁINZ (Enresa, Spain) | |
| 1:50pm-2:10pm | Best practices for preparing vessel internals segmentation projects | Joseph BOUCAU (Westinghouse, Belgium) | Decommissioning of NPPs with spent nuclear fuel present - efforts to amend the German regulatory framework to cope with this situation | Boris BRENDENBACH (GRS, Germany) | |
| 2:10pm-2:30pm | Chooz-A Steam Generators Characterization | Laurie AITAMMAR (EDF, France) | The regulatory framework improvement for safe decommissioning of nuclear power plants in Korea | Sangmyeon AHN (Korea Institute of Nuclear Safety, Rep. of Korea) | |
| 2:30pm-2:50pm | Options for Steam Generator Decommissioning | Joe ROBINSON (Studsvik, Sweden) | Lessons learned from application of the Swedish regulations for decommissioning of nuclear facilities - The regulator's perspective | Henrik EFRAIMSSON (Swedish Radiation Safety Authority, Sweden) | |
| 2:50pm-3:10pm | An Optimized Cask Technology for Conditioning, Transportation, Storage up to Final Disposal of "End-of-Life" Nuclear Waste | Florence LEFORT-MARY (AREVA, France) | Managing regulatory and liabilities issues in utilising international capability | Jonathan LEECH (Dentons UKMEA Ilp, UK) | |
| 3:10pm-3:30pm | Round table | | Round table | | |
| 3:30pm-4:00pm | POSTER SESSION INTRODUCTION – <i>Auditorium Pasteur</i> Chaired by Gilles CLEMENT (AREVA, France) and Alister DUNLOP (Sellafield, UK) | | | | |
| 4:00pm-4:30pm | coffee break– <i>Salon Pasteur</i> | | | | |

DAY 2 – Wednesday, Feb.17

4:30pm-
6:00pm

*Exhibition
Hall:
Place Haute*

POSTER SESSION

Characterization and measurement

- Waste Handling in SVAFO's Hot Cell (Jennifer MOLLER, Vattenfall AB, Sweden)
- LIBS probe for in-situ material characterization (Nadine COULON, CEA, France)
- Nuclear measurement device: Piloting aid for highly radioactive deposit retrieval operations (Florence GOUTELARD, CEA, France)
- Preliminary identification of contaminating;- and;-emitting radionuclides in nuclear installations to be decommissioned through Digital Autoradiography (Raphael HAUDEBOURG, CEA, France)
- Validation of Numerical Simulations of Activation by Neutron Flux (Sylvain JANSKI, EDF, France)
- Identification and sorting of materials with portable LIBS before decommissioning (Evelyne VORS, CEA, France)

Processes and technologies

- Concrete waste reduction of 50% (R.M. DE VOS, NRG, The Netherlands)
- Liquid and solid waste reduction by using Reverse osmosis (RO) (R.M. DE VOS, NRG, The Netherlands)
- Contaminated Land Remediation on decommissioned nuclear facilities: an optimised approach (Emilie SAUER, EDF, France)
- Decontamination with wet blasting of components in nuclear power station for service or free release (Per FAGERSTRÖM, Fagerström Industrikonsult AB, Sweden)
- Mobile solid waste press (compactor) concept (Mikhail BOGOD, PLATOM OY, Finland)
- Applying Freeze Technology for characterisation of liquids, sludge and sediments (Jens ERIKSSON, Studsvik, Sweden)

Management and planning

- Routes into the German decommissioning market; risks and opportunities (Frank CHARLIER, RWTH Aachen University, Germany)
- Releases at EDF nuclear sites undergoing decommissioning (Benoit CLAVEL, EDF, France)
- Behavior of 14C in irradiated nuclear graphite waste: consequences for inventory, decontamination and disposal (Nicolas GALY, Université de Lyon – EDF, France)
- Footprint Reduction: strategy and feedback of the Dutch historical waste management program (Gaël MÉNARD, Nuclear Research and consultancy Group, The Netherlands)
- Global solutions through simulation for better decommissioning (Ines SCOTO DI SUOCCIO, Oreka Solutions, France)
- 3D based integrated support concept for improving safety and cost-efficiency of nuclear decommissioning projects (István SZÖKE, Institute for Energy Technology, Norway)
- Safe Enclosure Management Strategies at Three Canadian Prototype Power Reactors (Meggan VICKERD, Canadian Nuclear Laboratories, Canada)

7:00pm

Dinner reception - Abbaye de Collonges (transfer by bus)

DAY 3 – Thursday, Feb.18

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| 8:00 am– 8:30am | Coffee | | | |
| 8:30am- 10:30am | SESSION 6: Good examples and lessons learned in preparation for decommissioning Chaired by Vladimir MICHAL (IAEA) and Michael KNAACK (TÜV, Germany) <i>Auditorium Pasteur</i> | | SESSION 7: Best practices in characterization of material and waste Chaired by Yvon Desnoyers (Geovariances, France) and Sam Usher (Studsvik, UK) – <i>Room Rhône 3A</i> | |
| 8:40am- 9:00am | Decommissioning Planning for the Oskarshamn Site | Bergh NIKLAS (OKG AB, Sweden) | How Digital Autoradiography Technique can be useful for D&D projects? | Pascal FICHET (CEA, France) |
| 9:00am- 9:20am | Influence of Decontamination | Michael KNAACK (TÜV NORD, Germany) | Best practice on facility characterisation from a material and waste end-state perspective | Matthew EMPTAGE (WPDD Task Group on RCD, OECD) |
| 9:20am- 9:40am | Feedback from D&D projects – Improvement through preparation | Alexandra SYKORA (AREVA, Germany) | FIR 1 Triga activity inventories for decommissioning planning | Antti RATY (VTT Technical Research Centre, Finland) |
| 9:40am- 10:00am | Benefits from R&D for D&D preparation | Christine GEORGES (CEA, France) | Characterization and Clearance of m/s SIGYN | Jonatan JISELMARK (Studsvik, Sweden) |
| 10:00am- 10:30am | Round table | | Round table | |
| 10:30am– 11:00am | coffee break– <i>Salon Pasteur</i> | | | |
| 11:00am- 12:00pm | Summing-up and closure of the symposium (all chairs) – Auditorium Pasteur | | | |
| 12:00pm- 1:00pm | LUNCH– <i>Salon Pasteur</i> | | | |
| 1:00pm- 6:00pm | Guided tour to ICEDA | | | |
| 6:00pm | Arrival to Lyon after the guided site tour | | | |