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Preliminary Program per Day

[Program Information as of March 12, 2013]

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Decommissioning Challenges: An Industrial Reality and Prospects
International Conference & Exhibition organized by SFEN,
In Partnerships with ANS, ENS, IAEA and OECD NEA
Contact: SFEN - Sylvie Delaplace - sdelaplace@sfen.fr
### Agenda

#### International Conference and Exhibition

**Monday, April 8, 2013**
- **[08:30 - 09:15]** Opening Session
  - Conclave Room
- **[09:15 - 10:35]** 1.01-I
  - Safety, Strategy and Programme Development-I
- **[10:30 - 11:00]** 1.01-II
  - Conclave Room
  - Safety, Strategy and Programme Development-II
- **[11:00 - 12:20]** 1.01-III
  - Conclave Room
  - Safety, Strategy and Programme Development-III
- **12:30 Lunch Break**
- **[13:45 - 15:05]** 2.01
  - Conclave Room
  - Regulation Evolution
  - **[15:00 - 15:30]**
  - **[15:30 - 17:15]** 3.04
  - Conclave Room
  - Project Feedback Experience: Reactor-III
  - **[16:15 - 18:15]**
  - **[18:30 - 19:30]** Round Table
  - Conclave Room
  - Decommissioning Pitfalls
  - How to Mitigate It?
  - **[19:00 - 22:00]**
  - Welcome Reception & Popes' Palace Night Visit

**Tuesday, April 9, 2013**
- **[08:30 - 10:30]**
  - Conclave Room
  - Project Feedback Experience: Reactor-I
  - 3.02-I
  - Benoit XII Room
  - Project Feedback Experience: Cycle-I
  - **[10:30 - 11:00]**
  - Conclave Room
  - Project Feedback Experience: Reactor-II
  - 3.02-II
  - Benoit XII Room
  - Project Feedback Experience: Cycle-II
- **[11:00 - 12:40]** 1.01-IV
  - Conclave Room
  - Safety, Strategy and Programme Development-IV
- **12:45 Lunch Break**
- **[14:00 - 15:40]** 3.03
  - Conclave Room
  - Project Feedback Experience: Reactor-II
  - Benoit XII Room
  - Project Feedback Experience: Cycle-II
  - **[15:40 - 16:15]**
  - Conclave Room
  - Project Feedback Experience: Site
  - 3.04
  - Benoit XII Room
  - OECD/NEA Overview of DD&R Activities

**Wednesday, April 10, 2013**
- **[08:30 - 10:30]**
  - 7.01-I
  - Conclave Room
  - Tresorier Room
  - Techniques and Process Improvements: Radiological Characterisation-I
  - 7.02
  - Paneterie I Room
  - Techniques and Process Improvements: Waste Treatment-I
  - **[10:30 - 11:00]**
  - 7.01-II
  - Conclave Room
  - Tresorier Room
  - Techniques and Process Improvements: Decontamination
  - 7.02
  - Paneterie I Room
  - Techniques and Process Improvements: Waste Treatment-II
  - **[11:00 - 12:40]** 8.01-II
  - Conclave Room
  - IAEA - Sodium Treatment and Decommissioning of Sodium Facilities-II
- **[12:45 Lunch Break]**
- **[14:00 - 16:00]**
  - 7.03
  - Conclave Room
  - Tresorier Room
  - Techniques & Process Improvements: Cutting, Remote Handling, Simulation...
  - 5.01
  - Paneterie I Room
  - Site and Building Rehabilitation
  - **[15:40 - 16:00]**
  - Conclave Room
  - IAEA - Sodium Treatment and Decommissioning of Sodium Facilities / DD&R Programmes
  - 8.02
  - Benoit XII Room
  - Material Management, Recycling, Reuse-II

### End of Conference
- Registration Area is open on Sunday, April 7 from 4:00 pm to 7:00 pm, Monday 8 to Wednesday 10 from 7:30 am to 6:00 pm to pick up your badge and materials up. Registration is mandatory for all participants.
- After check-in, chairs and speakers may visit the preview room and bring their power point file (PPT or PPTX) on key USB or CD-Rom. A morning briefing will be provided to all speakers and session chairs the day of their sessions, from 7:30 am to 8:30 am.
- Exhibition: Attendants have also the opportunity to meet and share views and concerns on Decommissioning Fields with posters authors & exhibitors everyday, during the coffee breaks, lunch periods and the Welcome Reception (Exhibition Area)
- Thursday, April 11, 2013: Post-technical visits are organized from Avignon to the Cea Marcoule Center and EDF Creys.

### Sponsors
- Westinghouse Electric Company [Gold: Conference Dinner Sponsor]
- Areva [Silver: Welcome Reception Sponsors]
- Euromura [Bronze: Luncheon Sponsors]
Monday, April 8, 2013

8:30 am - 09:15 am

Opening Session
- SFEN
- Marie-Claude Dupuis, Andra
- Arnaud Gay, Areva
- Christophe Behar, CEA
- Jean-Marc Miraucourt*, EDF

09:15 am - 10:35 am [Plenary Session]

1.01-I Safety, Strategy and Programme Development-I
Chairs: Marie-Claude Dupuis, Andra, France - Alejandro Rodriguez, Enresa, Spain

09:15 am
Legal And Regulatory Framework And Implementation
Measures In The Field Of Decommissioning In France - Viviane Nguyen, Nathalie Reynal, Lydie Evrard, ASN, France (13067)

09:35 am
The Dismantling Of The Experimental Nuclear Research Center (CIEMAT). An Example Of The Spanish Regulatory System - Ana González, José Luis Revilla, Nuclear Safety Council, Spain (13122)

09:55 am
IAEA Activities On Decommissioning - Patrick O’Sullivan, IAEA (13018)

10:15 am
The OECD Nuclear Energy Agency Work In Decommissioning - Claudio Pescatore, Ivan Rehak, OECD NEA, France (13102*)

10:35 am - 11:00 am: Coffee Break (Exhibition Area)

11:00 am - 12:20 pm [Plenary Session]

1.01-II Safety, Strategy and Programme Development-II
Chairs: Arnaud Gay, Areva, France - Patrick O’Sullivan, IAEA

11:00 am
The dismantling programme conducted by EDF - Alain Ensueque, Philippe Bernet, EDF, France (13075)

11:20 am
The ISPRA decommissioning and waste management programme - C. Osmani, EC JRC, Italy - J.J Doublecourt, EC JRC, Italy (13013)

11:40 am
French Atomic Energy Commission decommissioning programme and feedback experience - Philippe Guiberteau, Didier Dall’ava, Jean-Marie Destrez, Jean-Guy Nomkhamzon, CEA, France (13092)

12:00 pm
Decommissioning of nuclear power plants in Russia - V. Zimin, I. Korneev, JSC VNIIAEA, Russian Federation (13103)

12:30 pm - 13:45 pm: Lunch Period Break (Exhibition Area)

13:45 pm
Lessons learned & perspectives for the nuclear D&D industry. The point of view of Areva - Arnaud Gay, Areva, France (13138)

14:05 pm
Decommissioning challenge of destroyed nuclear facilities and sites in Iraq - Adrian Bibi, Fouad Al-Musawi, Qussay Abd Alhadi, MoST, Iraq (13124)

14:25 pm
Integrated program management for major nuclear decommissioning and environmental remediation projects - John G. Lewew, CH2M, USA (13097*)

14:45 pm
Waste management strategy for dismantling waste to reduce costs for power plant decommissioning - Arne Larsson, Per Lidar, Studsvik Nuclear AB, Sweden - Gunnar Hedin, Niklas Bergh, Westinghouse Electric Sweden AB, Sweden (13137)

15:05 pm - 15:45 pm: Coffee Break (Exhibition Area)

15:30 pm - 17:15 pm [Plenary Session]

2.01 Regulation Evolution
Chairs: Philippe Guiberteau, CEA, France - Ana Gonzalez Calvo, CNS, Spain

15:30 pm
International recommendations on monitoring for compliance with exemption and clearance levels and with remediation criteria for sites - Vladimir Ljubenov, John H. Rowat, Douglas G. Draper, IAEA, Austria (13085)

15:50 pm
The French national plan for the management of radioactive materials and waste - Karine Averseng, Loïc Tanguy, Lydie Evrard, ASN, France (13068)

16:10 pm
The French inventory of radioactive material and waste: Changes from 2009 - Muriel Firon, Arnaud Leclaire, Michèle Tallec, Andra, France (13099)

16:30 pm
Material clearance, methodology applied by Enresa - Cristina Correa Sainz, Enresa, Spain (13105)

16:50 pm
VLL waste management in France: Facing increasing needs after 10 years of operation - Michel Dutzer, Andra, France (13114*)

17:15 pm - 17:35 pm: Coffee Break (Paneterie Room)

17:35 pm - 19:00 pm [Round Table]

Decommissioning Pitfalls: How to Mitigate it?
Mediator: Ann MacLachlan
Participants:

19:00 pm - 22:00 pm (Exhibition Area)

19:00 pm - 20:30 pm: Welcome Reception
20:30 pm - 22:00 pm: Pope’s Palace Visit by Night

★ Silver Sponsors
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08:30 am - 10:30 am [Parallel Sessions]

3.01-I Project Feedback Experience: Reactor-I
(Conclave Room)

Chairs: Michel JeanJacques, CEA, France - Stephan
Krüger*, Areva GmbH

08:30 am
Main challenges and achievements for the decommissioning of
Creys-Malville NPP - Jean-Jacques Grenouillet, EDF, France (13074)

08:50 am
The Chooz A NPP dismantling, with a focus on steam
generators decontamination - Estelle Obert, Marc Delannoy,
EDF, France (13076)

09:10 am
Decommissioning of the Research Reactor KRR-1 (TRIGA
Mark II) - Doo Seong Hwang, Gyeong Hwan Chung, Jei
Kwon Moon, KAERI, Republic of Korea (13009)

09:30 am
Decommissioning Process Evaluation Technology for Reactor
Pressure Vessel of NPPs - Byung-Seong Choi, Kwan-Seong
Jeong, Dongjin Hyun Geon-Ho Kim, Jaekwon Moon, KAERI,
Korea (13017)

09:50 am
Experiences from José Cabrera RVI segmentation
project - Per Segerud, Stefan Fallström, Moisés Sanchez,
Westinghouse Electric Sweden AB, Sweden (13024)

10:10 am
Decommissioning of SSC RF - IPPE facilities posing nuclear
and radiation danger: current status and challenges - Lev
Kotchekov, Valery Poplavko, Andrey Shurin, Vladimir
Smykov, IPPE, Russian Federation (13025*)

3.02-II Project Feedback Experience: Cycle-II
(Cellier Benoit XVII Room)

Chairs: Kuniaki Takahashi, JAEA, Japan - Juan-Luis
Santiago, Enresa, Spain

08:30 am
Application of the Hose-in-Hose transfer line technology at
the La Hague site - Eric Tchemitchef, Joe Buchanan, Areva
Federal Services LLC, USA - Remy Alnet, Areva NC, France
- Michel Brucy, Areva SGN, France, Geoffrey Barnes, River
Bend Transfer Systems, LCC, USA (13028)

08:50 am
Cleanup of ventilation duct gallery in filters room - Samuel
Blanchard, CEA, France - Jean-Pierre Cizel, Areva, France (13057)

09:10 am
Hulls and sludge retrieval project on HAO/South facility in
La Hague - Alexandre Ragouilliaux, Pascal Mouette, Alain
Pommier, Areva NC, France (13083*)

09:30 am
Demantling studies of the 904 cell at the HAO/Sud facility
- Marjorie Renouf, Pascal Mouette, Alain
Pommier, Areva NC, France (13083*)

09:50 am
UP1 processing plant decommissioning project - Patrick
Chevrou CEA, France*

10:10 am
Decommissioning of vitrification facility : Rinsing phase,
first generation tank application - Marielle Asou-Pothet, L.
Coudoueunou, CEA, France - R. Rives, A. Courtadon, Areva,
France (13055)

10:30 am - 11:00 am: Coffee Break (Exhibition Area)

11:00 am - 12:40 pm [Parallel Sessions]

3.01-II Project Feedback Experience: Reactor-II
(Conclave Room)

Chairs: Jean-jacques Grenouillet, EDF, France - James
Byrne, IAEA

11:00 am
Chooz A Reactor Dismantling Concept - Paul J. Kreitman
P.E. Westinghouse Electric Company, USA - Jean-Luc Guyot,
Westinghouse Electric France, France - Stefan Fallström,
Westinghouse Electric Sweden, Sweden - Joseph Boucau,
Westinghouse Electric Company, Belgium - Jean Botti, Nuvia
France, France - Estelle Obert, EDF CIDEN, France (13039)

11:20 am
Results of Fukushima Daiichi Unit2 1st floor dose rate
reduction for alternative thermcouple installation -
Masamichi Obata, Hirota Hayashi, Hironobu Fujiwara,
Nobuyuki Sato, Toshiba Corporation, Japan - Haruki Suzuki,
Hirotoshi Murata, Tokyo Electric Company, Japan (13040)

11:40 am
Implemented Dismantling Strategies for the Reactors in
the Greifswald and Rheinsberg Nuclear Power Plant - Ralf
Borchardt, Energiewerke Nord GmbH, Germany (13043)

12:00 pm
MR reactor decommissioning in NRC "Kurchatov Institute":
Results of preparatory work phase - Victor Volkov, Yuri
Zverkov, Oleg Ivanov, Vyacheslav Kolyandin, Alexey Lemus,
Vitaly Pavlenko, Sergey Semenov, Sergey Fadin, Anatoly
Shisha, Alexander Chesnokov, Kurchatov Institute, Russian
Federation (13127)

12:20 pm
Decontamination of low and medium active waste from
nuclear power plants with high pressure water - Hubert
Bart, RST GmbH (13152*)

3.02-II Project Feedback Experience: Cycle-II
(Cellier Benoit XVII Room)

Chairs: Bruno Lancia, Nuvia France - Victor Volkov,
KIAE, Russian Federation

11:00 am
Remote Handled Transuranic Sludge retrieval, Transfer and
Storage System at Hanford - James Frederickson, James
Criddle, Areva Federal Services LLC, USA - Dennis Hamilton,
Rick Raymond, Mike W Johnson, CH2M Hill Plateau
Remediation Company, USA (13029)

11:20 am
Management of Hanford KW Basin Kockout Pot Sludge as
Spent Nuclear Fuel - Ketra Evans, Gregory Leshikar, Areva
Federal Services LLC, USA - Neal Sullivan, Rick Raymond,
Mike W Johnson, CH2M Hill Plateau Remediation Company, USA (13030)

11:40 am
Cleansing and Dismantling of CEA-Saclay Nuclear Licensed
Facilities - Michel Jeanjacques, Rebecca Glévarec, Isabelle
Delaire, Jean-Louis Martin, CEA, France (13082)

12:00 pm
Decontamination process of internal part of pipes, Xavier
Ladet, Olivia Sozet, Philippe Cabanillas, Gilles Macia,
Frédérique Damerval, EDF, France (13056)
Tuesday, April 9, 2013

12:20 pm  Remote Decontamination of ventilation ducting contaminated with residual high level waste - Jean-Pierre Cizel, Areva, France, Samuel Blanchard, CEA, France (13058)

12:45 pm - 14:00 pm: Lunch Period Break (Exhibition Area)  ★ Bronze Sponsor: Daher

14:00 pm - 15:40 pm [Parallel Sessions]

3.01-III  Project Feedback Experience: Reactor-III (Conclave Room)
Chairs: Thierry Varet, Areva, France - Joseph Boucau, Westinghouse Electric Company, Belgium
14:00 pm  Optimized phases for reactor dismantling - An efficient and sustainable concept - Stephan Krüger, Uwe Kraps, Areva NP GmbH, Germany (13038)
14:20 pm  Decommissioning of Jose Cabrera NPP: Progress and lessons learnt - Manuel Rodríguez, Juan Luis Santiago, Manuel Ondaro, Enresa, Spain (13051)
15:00 pm  Dismantling of Primary Circuit Components in the NPP Obrihejm - Holger Starke, Babcock Noell GmbH, Germany - Detlef Brehm, Eon Anlagenservice, EDF, France (13078)
15:20 pm  Decommissioning of Nuclear Legacy Facilties of A.A. Bochvar Conversion Plant - Nobuo Takahashi, Yoshio Tanaka, JAEA, Japan (13014)
16:00 pm  Progress with nuclear energy agency task group on nuclear site restoration - Marie-Anne Berton, CEA, France - Katherine E. Elbeek, Sellafield Ltd, UK - John Morse, DOE, USA - Horst Monken Fernandes, IAEA - Susan Miller, AECL, Canada - Peter Orr, Environment Agency, UK (13116)
16:20 pm  The PoW of the WPDD*, Juan Luis Santiago, Enresa, Spain (13106)
16:40 pm  Radiological characterisation for decommissioning*, Arne Larsson, Studsvik, Sweden (13101)
17:00 pm  R&D Needs for decommissioning*, Gérard Laurent, EDF, France (13118)
17:20 pm  Cooperative Program on DD&R*, I. Tripputi, Sogin, Italy (13027)
17:40 pm  Large decommissioning disposed components management* - Michel Dutzer, Andra, France (13066)

16:15 pm - 18:15 pm [Parallel Sessions]

3.04  Project Feedback Experience: Site (Conclave Room)
Chairs: Bernard Rottner, Onet Technologies, France - Melanie Brownridge, NDA, UK
16:15 pm  The leak management hierarchy - Matthew Emptage, Environment Agency, UK - Stephen Hepworth, Sellafield Ltd, UK - Vik Winspear-Roberts, Office for Nuclear Regulation, UK - Robyn Cummings, Royal Holloway University of London, UK (13101)
16:35 pm  A strategic approach to identifying multi site complex decommissioning research and development needs - Melanie Brownridge, Mervin McMinn, Nuclear Decommissioning Authority, UK - Mike James, Sellafield Ltd, UK - Ian Seed, Paula James, Cogentus Consulting, UK (13108)
16:55 pm  TBC
Sellafield FGMSP Characterisation Challenges - Xavier Poteau, Marcus Coupe, Samuel Abraham, Sellafield FGMPS, UK (13008)
17:15 pm  Accelerating the whiteshell laboratories decommissioning through the implementation of a projectized and delivery-focused organization - Craig Michaluk, Russel Melior, AECL, Canada (13027)
17:35 pm  Decommissioning Techniques of Uranium refining and conversion plant - Noritake Sugitsue, Ysumichi Tsunashima, Nobuo Takahashi, Yoshio Tanaka, JAEA, Japan (13014)
9.01  OECD/NEA - An Overview of DD&R Activities (Cellier Benoit XVII Room)
Chairs: Michael Siemann, OECD NEA - Jean-Jacques Doublecourt, EC
16:15 pm  Progress with nuclear energy agency task group on nuclear site restoration - Marie-Anne Berton, CEA, France - Katherine E. Elbeek, Sellafield Ltd, UK - John Morse, DOE, USA - Horst Monken Fernandes, IAEA - Susan Miller, AECL, Canada - Peter Orr, Environment Agency, UK (13116)
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17:35 pm  Cooperative Program on DD&R*, I. Tripputi, Sogin, Italy (13027)
17:55 pm  Large decommissioning disposed components management* - Michel Dutzer, Andra, France (13066)

18:30 pm - 19:30 pm (Conclave Room) Plenary Session
10.01  Education & Resources - Profession & Training
Chair: Christian Ségot*, COPSAR
20:15 pm - 23:30 pm  Conference Dinner (Grand Tinel Room)  ★★★ Gold Sponsor: Westinghouse Electric Company
8.30 am - 10.30 am [Parallel Sessions]

7.01-I Techniques and Process Improvements: Radiological Characterization-I (Tresorier Room)
Chairs: Didier Dubot, CEA, France - Sue Aggarwal, NMT International, USA
08:30 am
Radiological investigations and followed from real-time remote decontamination with the gamma imager CARTOGAM, Stéphane Dogny, Areva, France (13060*)
08:50 am
First report from an advanced radiological inventory for a spent fuel reprocessing plant - Philippe Girone, Laurence Boisset, Christian Ducros, CEA, France (13069)
09:10 am
Radiological measurement system for various kinds of waste and waste form, Yuumi Nakane, Yukio Yoshimura, Susumu Naito, Shuji Yamamoto, Mikio Izumi, Masamichi Obata, Toshiba Corporation, Japan (13041)
09:30 am
Radiological characterization of activated components in V1 NPP, Kristina, Krištofová, Tibor, Rapant, AMEC Nuclear Slovakia s.r.o. (13142)
09:50 am
Evaluation of effective thermal extraction procedures for $^3$H determinations in radioactive waste characterization, Phillip Warwick, GAU-Radiological Laboratories, UK - Ian Croudace, Raddec Ltd, UK (13147)

7.04 Techniques and Process Improvements: Waste Treatment-I (Paneterie 1 Room)
Chairs: Michel Dutzer, Andra, France - Manuel Rodriguez, Enresa, Spain
08:30 am
Innovative pumping solution for retrieval operations in D&D process, Alexandre Raguillaux, Thierry Prévost, Thierry Varet, AREVA NC, France - Jean-Baptiste Drevet, Erik Guillemin, AMsRD, France (13073)
08:50 am
Reducing the waste stream: Advanced atomisation technology for improved delivery of nuclear "Tiedown" materials, Oliver Schwandner, David Crouch, James French, David Doswell, PDX, UK (13112)
09:10 am
Treatment of Evaporator Concentrates from PWR, Bernard Rottner, Onet Technologies, France (13010)
09:30 am
NIThorn tm: A dedicated tool for D & D applications, Laurent Objois, Fabrice Moggia, Thierry Thierry, Valérie Toulemonde, Frédérique Damerval, Areva, France - Frédéric Richard, Air Liquide, France (13023)
09:50 am
Preconfined filters: A process for the treatment of radioactive effluents, Claire-Emilie Vaudey, Olivia, Sozet, Thierry, Blanc, Thierry, Prevost, Areva, France - Bernard Moussy, CDB, France (13020)
10:10 am
Dismantling of a radioactive building, Alain Grandchamps, Blastrac, France (13146*)

4.01-l Material Management, Recycling, Reuse-I (Cellier Benoit XII Room)
Chairs: Frédéric Barbette, Andra, France - Vladan Ljubevov, IAEA
08:30 am
Treatment and Volume reduction of large components such as heat exchanges, steam generators and boilers, Gregor Krause, Studsvik Nuclear AB, Sweden (13019)
08:50 am
Refuelling machines decommissioning at A1 NPP, Pavol Vozar, VÚJE Inc., Slovakia (13047*)
09:10 am
Treatment of Magnesium Radioactive Waste, David Bradbury, Bradtec, UK - Bernard Rottner, Onet Technologies, France (13011)
09:30 am
A decision to ultimately isolate the RW generated in RNDF decommissioning, Velikina Svetlana, Demin Anatoly, Shidlovskaya Tatyana, JSC "Leading Institute “VNIPIEI”, Russian Federation (13048)
09:50 am
Re-conditioning of José Cabrera NPP former turbine hall as a waste management facility (WMF), Martin Nieves, Manuel Onardo, Enresa, Spain (13104)

8.01-I IAEA- Sodium Treatment and Decommissioning of Sodium Facilities-I (Conclave Room)
Chairs: Andrew Szilagyi, DOE, USA - Emilio Garcia Neri, Enresa, Spain
08:30 am
Sodium Separation and Treatment of Remote-Handled Transuranic Waste - Kirk J. Dooley, David D. Tolman, Jeff D. Jones, Chad W. Ross, CH2M-WG, USA (13088)
08:50 am
Dismantling of large components from the PHENIX reactor - Pascal Blin, CEA, France (13111)
09:10 am
EBR-II D&D update - September 2012 CWI completes treatment of primary system sodium - Jeffrey D. Jones, Kirk J. Dooley, CH2M-WG, USA (13089)
09:30 am
Dismantling of big components* - Jean-luc Fournie, Areva, France - Jean-claude Grenouillet, EDF, France
09:50 am
Using Infrared Cameras to Support Sodium Remediation Efforts During Deactivation and Decommissioning of Experimental Breeder Reactor II - Kevin Young, ComDesigns, USA - Kirk J. Dooley, CH2M-WG, USA (13091)
10:30 am - 11:00 am: Coffee Break (Exhibition Area)

11:00 am - 12.40 pm [Parallel Sessions]

7.01-II Techniques and Process Improvements: Radiological Characterization-II (Tresorier Room)
Chairs: Didier Dubot, CEA, France - Sue Aggarwal, NMNT International, USA
11:00 am
Radiological Mapping with an Unmanned Helicopter - Bernard Rottner, Onet Technologies, France - Pierre Tantot, Survey
Wednesday, April 10

Copter, France - Pierre Plantier, Onectra, France (13012)
11:20 am
Digital Autoradiography, a new analytical technique to investigate radionuclides migration on concrete surface - Pascal Fichet, Anumaija Leskenin, Florence Goutelard, CEA, France - Marja Siltari-Kaupi, Helsinki University, Finland (13079)

11:40 pm
Destructive Testing: Dry Drilling Operations with TruPro® System to Collect Samples in a Powder Form, from a Hull Containing Sludge Mobilised in a Hydraulic Binder - Denis Pombet, Andra, France - Sue Aggarwal, NMNT, Grant Charters, USA - Yvon Desnoyers, Geovariances, France (13150)

7.02 Techniques and Process Improvements: Decontamination (Panetere 1 Room)
Chairs: Gérard Laurent, EDF, France - Jeikwon Moon, KAERI, Korea
11:00 am
Decontamination of metallic surfaces by using LASER technology - Fabrice Moggia, Xavier Lecardonnal, Frédérique Damerval, Areva, France (13016)

11:20 am
Enhanced chemical cleaning in congested steel tanks - Thomas A. Coleman, Areva Federal Services, USA (13022)

11:40 am
Potentialities of a new radioresistant micro-alga for the biological decontamination of radionuclides in the nuclear industry - Corinne Rivasseau, Richard Blini, CEA, France - Ariane Atteau CNRS, France - Diane de Gouvion Saint-Cyr, CEA and Institut Laue Langevin, Emmanuel Farhi, Institut Laue Langevin, France (13033)

12:00 pm
Solutions & technologies to support Japan’s effort - Maxime Bourasseau, Marc Messalier, Areva NC, Japan-Thierry Prévost, Pascal Prud’homme, Areva NC, France - Vincent Blet, CEA, France (13098)

12:20 pm
Status of current research and development on decontamination at CEA DEN - Vincent Blet, Frederic Charton, Frederic Goettmann, CEA, France (13151)

6.01 Costing, Technico-Economical Issues & Financial Aspects (Panetere 2 Room)
Chairs: Elise Curabet, CEA, France - Mitsuo Tachibana, JAEA, Japan
11:00 am
Assessment of Parametric Models, Steffan Lindskog, Swedish Radiation Safety Authority, Sweden (13063)

11:20 am
Value for money in decommissioning, Alastair Laird, Project Time & Cost International Ltd, UK

11:40 am
Control co-activity in dismantling planning - Eric Chambon, Assymet, France (13123)

12:00 pm
Nuclear decommissioning and organizational reliability: Involving subcontractors in collective action - Christophe Martin, Franck Guarnieri, Mines ParisTech, France (13046)

12:20 pm
Decision to reorganise or reorganising decisions? A First-Hand Account of the Decommissioning of the Phénix Nuclear Power Plant, Melchior Pelletrat de Borde - Christophe Martin, Denis Besnard, Franck Guarnieri, Mines ParisTech, France (13054)

4.01-II Material Management, Recycling, Reuse-II (Cellier Benoit XII Room)
Chairs: Gilles Pellenz, EDF, France - Arne Larsson, Studsvik Nuclear AB, Sweden TBC
11:00 am
Separation technology of uranium using inorganic acid for sludge - Yusuke Ohashi, Yasumichi Tsunashima, Yoshio Tanaka, Noritake Sugitsue, Ningyo-toge Environmental Engineering Center, JAEA, Japan (13032)

11:20 am
SRDW for the evolution of the French legislation - Eric Le Gouez, Onet Technologies, France (13036)

11:40 am
Graphite Waste Management in France - Thermal Treatment, an alternative solution to direct disposal - Gérard Laurent, Stéphane Béguiun, A. Poirat, EDF, France (13077*)

12:00 pm
Long term management of graphite waste in France - Fanny Gérard, Andra, France (13106)

12:20 pm
The disposal of the steam generators from the Chooz A NPP at Morvilliers VLW waste disposal facility - Fatma Betouati, P. Lecocq, Andra, France (13135*)

8.01-II IAEA - Sodium Treatment and Decommissioning of Sodium Facilities-II (Conclave Room)
Chairs: Ernest Aikens, AECL, Canada - Dmitri Bakhturin, JSC, Russian Federation
11:00 am
Liquid Metal Hazard Disposition at the Fast Flux Test Facility - Al Farabee, DOE, USA - Bill Church, Mission Support Alliance, USA - Richard VanLieshout, Creative Engineers, USA (13087)

11:20 am
The Cleaning of Phenix Secondary Loops before Dismantling - Vincent Lerat, Joël Godlewski, Jean-Marie Herbet, Pierre-Jean Putod, CEA, France - Jérôme Molliex, Marina Le Meur, Areva, France (13095*)

11:40 am
Laser cutting of Superphoenix primary vessel internal structures to allow draining of sodium retentions - Michel Berte, Bruno Rossin, Areva, France (13121)

12:00 pm
Development of a carbonation process for treatment components containing oxidized NaK at EDF’s Superphoenix plant in Creys-Malville - Emmanuelle Guelin, EDF, France - Thomas Calais, Valerie Grabon, EDF, France (13125)

12:20 pm
Superphoenix - Carbonation and filling with water of the reactor vessel - Thomas Calais, Areva NP, France - Anne-Laure Seinturier, EDF, France (13131*)

12:45 pm - 14:00 pm: Lunch Period Break (Exhibition Area)

★ Bronze Sponsor: Eichrom Laboratories

(*) to be confirmed
14:00 pm - 16:00 pm [Parallel Sessions]

7.03 Techniques and Process Improvements: Cutting, Remote Handling, Simulation... (Tresorier Room)
Chairs: Cécile Ferry, Cea, France - Joseph Boucau, Westinghouse Electric Belgium
14:00 pm
The use of high brightness fibre delivered laser beams for size reduction - Paul Hilton, Ali Khan,TWI Ltd, UK (13034)
14:20 pm
DEM+: A 3D software for dismantling project - Vincent Testard, Luc Ardelier Yann Chartier, Ines Scoto, Romain Brevot, Oreka-Sud, France (13035)
14:40 pm
BRENNILIS - First deployment of industrial robots for the decommissioning of a French nuclear power station - Harald Bienia, Thomas Noll, Nuken Technologies, Germany (13086)
15:00 pm
Designing MAR 200 dismantling operations using Virtual Reality technologies - Caroline Chabal, Yves Soulabaïe, CEA, France - Thomas Garnier, Olivier Callixte, Onet Technologies, France (13100)
15:20 pm
15:40 pm
The MAESTRO system concept: From the research prototype to industrial application* - Yves Soulabaïe, CEA, France

5.01 Site and Building Rehabilitation (Paneterie 1 Room)
Chairs: Eric Lanes, Andra, France TBC - Mikhail Antonenko, Mining and Chemical Combine, Russian Federation
14:00 pm
Soils radiological characterization under a nuclear facility - Marie Lavielle, Bernard Vignau, Didier Delmont, CEA, France - Pierre Plantier, Onectra, France - Jean-Christian Spafel, Boart Longyear, USA (13107)
14:20 pm
Optimization of Site Remediation Considering Hot Spots at the UCP Decommissioning Site - Sang Bum Hong, Bum Kyung Seo, Doo Seong Hwang, Ji Kwon Moon, KAERI, Korea (13026)
14:40 pm
Radiological characterization for decommissioning - methodology, approach and example of the RM2 nuclear facility - Emilie Bonnet, Didier Dubot, CEA, France (13096)
15:00 pm
Rehabilitation of contaminated soil and sites - Elsa Binet, Guillaume Lefèvre, OTND, France (13072)
15:20 pm
Sampling optimization for the characterization of a drum disposal legacy site - Yvon Desnoyers, Geovariances, France - Nadine Himeur, Areva Mines, France - Didier Dubot, CEA, France (13120)
15:40 pm
The approach by Andra for the remediation of contaminated sites - Nicolas Benoit, Andra, France (13128*)

4.01-III Material Management, Recycling, Reuse (Cellier Benoit XII Room)
Chairs: Noritake Sugitsue, JAEA, Japan - Thierry Advocat, CEA, France
14:00 pm
Technically underpinning interim storage of higher activity waste packages - Melanie Brownridge, Darrel Morris, NDA, UK (13109*)
14:20 pm
Nuclear wastes management programs: flows modelling and optimization - Samuel Courteille, Julien Rey-Gaurez, Gabriel Juhel, Daher NCS, France (13139)
14:40 pm
Development of SNF handling technologies and equipment to decommission nuclear radiologically dangerous objects - A. Timofeev, S. Dushev, JSC Afrikantov OKB Mechanical Engineering, Russian Federation (13133*)
15:00 pm
VRAC FI – A modular facility for retrieval and treatment of radwaste - Yvan Lallot, Christophe Astier, Onectra, France (13145)

8.02 IAEA - Sodium Treatment and Decommissioning of Sodium Facilities / DD&R Programmes (Conclave Room)
Chairs: Katherine Moshonas Cole, Kinetics, Canada - Con Lyra (ANSTO)
14:00 pm
Proving trials for a novel process for cleaning NaK contaminated DFR breeder fuel elements - Mike Smith, Brian Fletcher, Amec, UK - Fiona Forbes, Alex Potts, DSRL, UK (13141)
14:20 pm
Carbonation development trials for NaK residues - Mike Smith, Brian Fletcher, Amec, UK - William Husband, Tom Gunn, DSRL, UK (13140)
14:40 pm
DACCORD Project - Data Analysis and Collection for Costing of Research Reactor Decommissioning - Katherine Moshonas Cole, Kinetics, Canada - Vladimir Daniska, DECOM, Slovakia - Patrick J. O’Sullivan, IAEA (13062)
15:00 pm
Decommissioning and Environmental Remediation after an accident - Vladimir Michal, John Rowat, IAEA (13065*)
15:20 pm
Safety Assessment for Decommissioning - An International Approach - Patrice François, IRSN, France - Joerg Kaulard, GRS GmbH, Germany - Vladan Ljubnov, IAEA (13070)

15:40 pm - 16:00 pm: Coffee Break (Exhibition Area)
End of Conference