PROGRAM

Monday, 06.09.2010

Boarding 12.00 – 18.00
Registration 14.00 – 19.00
Welcome drink 20.00 – 21.30

Tuesday, 07.09.2010

Welcome and introductions 08.20 – 08.30

Representative of JSC “SSC RIAR”, Russia 08.30 – 09.00

Session:

SAFETY IN AN AGEING HOTLAB ENVIRONMENT

9.00 – 11.30

1. Safety in French Ageing Hot Laboratories. 9.00 – 9.20
   Hervé Visseaux (Autorité de Sureté Nucléaire, France)

2. The Challenges of Continuing to Operate Ageing Nuclear Plant in the UK. 9.20 – 9.40
   Joseph Desmond Wright (National Nuclear Laboratory, Facilities and Safety Directorate, UK)

3. Technical Experience of the Belgian Regulatory 9.40 – 10.00
Body Regarding Shielded Cells.  
Gérald Degroof (Nuclear Safety And Radiation Protection Inspection, Bel V, Belgium)

Coffee break  10.00 – 10.30

4. Safety Management Based on the Tripod Philosophy.  
Jeroen Minkema (Nuclear Research and Consultancy Group, Netherland)  
10.30 – 10.50

5. Summary of the Workshop “Information Exchange on Below Scale Incidents in Hot Laboratories”.  
Didier Gavillet (Paul Scherrer Institute, Switzerland)  
10.50 – 11.10

Frederic Minot (CEA /DEN / CAD, France)  
11.10 – 11.30

Session:

RESEARCH REACTOR EXPERIMENTS AND BEHAVIOR OF MATERIAL  
11.30 – 13.40

7. IAEA Activities on Spent Fuel Performance Assessment and Research.  
Ho Jin Ryu (International Atomic Energy Agency, Austria)  
11.30 – 11.50

Lunch  12.00 – 13.00


Session:

HANDLING ACTIVE NUCLEAR REACTOR CORE COMPONENTS, RADIOISOTOPES AND WASTE

13.40 – 15.50


12. Feedback from Ten Years of Experience 14.20 – 14.40
in the C11/C12 Shielded Line in the Atalante Facility at Marcoule.  
Gilles Ferlay (CEA, Nuclear Energy Division, RadioChemistry & Processes Department, Actinide Analysis Experimentation Office, Laboratory of Dissolution Studies, France)

13. KAERI’s Hot Cell Experience Learned from DUPIC Fuel Fabrication.  
Jung Won Lee (KAERI, Korea)

Coffee break  
15.00 – 15.30

14. Design Considerations for Medical Isotope Production Facilities.  
Michael Wade (Merrick & Company, USA)

Session:

TRANSPORTATION ISSUES

15.50 – 16.30

15. NRI Experience with LVR-15 Experimental Reactor Spent Fuel Transport.  
Radim Kopriva (NRI Rez plc, Czech Republic)

16. The Flying Pig.  
Ann Leenaers (SCK CEN, Belgium)

Dinner  
17.00 – 18.00

Sightseeing tour of the city of Kazan  
19.00 – 21.30

Wednesday, 08.09.2010
Trip to Dimitrovgrad 7.30 – 10.00
Coffee break 10.00 – 10.30
Tour of RIAR facilities 10.00 – 16.00

POSTER SESSION
10.30 – 17.00

17. Establishment of Maintenance Method of Exhaust Valve on $\alpha$-tight Hot Cell under Ventilating Condition.
Yasutaka Mizukoshi (JAEA, Japan)

18. An Integrated Tool to Repack and Reprocess Old Solid Pu-based Compounds in the LEFCA Facility.
Fabrice Mazaudier (CEA Cadarache, France)

19. Developments Concerned with Analysis for Quantitative Composition Distribution of Surface Deposits Throughout the Height of Zirconium Claddings Operated in Water-Cooled Nuclear Reactors.
Irina Smirnova (JSC “SSC RIAR”, Russia)

Sergey Belozerov (JSC “SSC RIAR”, Russia)

21. Equipment to Weld Experimental Samples and
Items of Nuclear Reactor Cores.
Evgeny Tabakin (JSC “SSC RIAR”, Russia)

22. Enhancing the Burn-up of Mixed Carbide Fuel of FBTR Through PIE.
Jojo Joseph (Group for Remote handling, Robotics, Irradiation experiments & PIE, Indira Gandhi Centre for Atomic Research, India)

Jerome Lamontagne (CEA, France)

24. Renovation of the Metallographic Hot Cell in ITU.
Dimitrios Papaioannou (Institute for Transuranium Elements, DG Joint Research Centre, European Commission, Germany)

25. PIE Facilities for Local and Regional Requirements.
Gabriel Ruggirello (CNEA, Argentina)

Volodymyr Revka (Institute for Nuclear Research, Kiev, Ukraine)

Lunch 12.30 – 15.00
Thursday, 09.09.2010

Session:

POST IRRADIATION EXAMINATION TECHNIQUES

09.00–15.00

27. RIAR Research Reactors and Material Science Complex for Implementation of Innovative Projects of GEN IV Nuclear Power Engineering. Vladimir Risovany (JSC “SSC RIAR”, Russia) 09.00 – 09.20

28. Equipment and Procedures for Material Post-Irradiation Examinations in Hot Cells of JSC “IRM”. Leonid Sinelnikov (IRM, Russia) 09.20 – 09.40

29. The Modern Equipment for the Preparation and Testing of Radioactive Materials in Hot Cells. Irina Protasova (Melytek, Russia) 09.40 – 10.00

Coffee break

31. Crack Resistance and Hydride Reorientation Determination of Irradiated Fuel Cladding.  Robert Zubler (LNM, PSI, Switzerland)  

32. High Burn-up Fuel and Materials Challenges.  Matthias Martin (PSI, Switzerland)  

33. RIAR’s Stands and Fuel Test Methods to Justify Safe Handling of Different Reactors SNF.  Sergey Pavlov (JSC “SSC RIAR”, Russia)  

34. National Scientific User Facility Purpose and Capabilities.  Kenneth Rosenberg (Idaho National Laboratory, USA)  

Lunch

35. X-Ray Solutions from BRUKER for Research and Development, Process and Quality Control in Industry.  Vasily Pribora (Bruker, Russia)  

36. Laser Induced Breakdown Spectroscopy Characterizations of Hydrogen in Zirconium Alloys.  Lionel Gosmain (CEA, France)
<table>
<thead>
<tr>
<th>Session</th>
<th>Title</th>
<th>Speaker &amp; Location</th>
<th>Time</th>
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<td>38.</td>
<td>Remote Refurbishment of the Metallography Preparation Box at the INL.</td>
<td>Adam Robinson (Idaho National Laboratory, USA)</td>
<td>14.00 – 14.20</td>
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<tr>
<td>39.</td>
<td>Title and Speaker To Be Announced.</td>
<td>(A Carl Zeiss SMT AG Company, Germany)</td>
<td>14.20 – 14.40</td>
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Coffee break 15.00 – 15.30

Closing remarks. Awarding of the best poster and best presentation 15.30 – 16.00

Sightseeing tour 16.00 – 17.00

Conference Dinner 17.00 – 23.00

**Friday, 10.09.2010**

Departure 5.00 – 9.30