

# Monday 22 September 2014

## Opening - Meeting Room (09:00-10:30)

time	[id] title	presenter
09:00	[48] Welcome from the organizers	Dr. GAVILLET, Didier
09:15	[50] Welcome from the HOTLAB Working Group	Dr. LEENAERS, Ann
09:30	[49] Nuclear Energy in Switzerland: Perspectives for research	Mr. ZIMMERMANN, Martin
09:50	[43] IR funding within the UKs NNL: an overview and IR case study	Dr. MORGAN, Suzy

## Remote Handling: Remote Handling Exchange (11:00-11:30)

time	[id] title	presenter
11:00	[11] Inpections & Sample Extraction on the MEGAPIE Liquid Lead-Bismuth Spallation Neutron Target in the PSI Hotlab Hotcells	KUSTER, Daniel

## Fuel Production: Part 1 (11:30-12:00)

time	[id] title	presenter
11:30	[32] UK fuel cycle R in Advanced Nuclear Fuels	Dr. WRIGHT, Des

## Lunch (12:00-13:30)

## PIE: Part 1 (13:30-15:00)

time	[id] title	presenter
13:30	[13] Non-destructive examination on spent fuel rods	Mr. WANG, Huacai
14:00	[7] Determination of hydrogen concentration in Zircaloy cladding using hot vacuum extraction method with two-step heating	Mr. OBATA, Hiroki
14:30	[17] Online measurement of fission products release during nuclear fuel annealing : A mass spectrometry approach	Ms. GUIGUES, Elodie

## Coffee Break (15:00-15:30)

## PIE: Part 2 (15:30-17:30)

time	[id] title	presenter
15:30	[44] The CEA Nano-characterization platform for irradiated materials of the LECI Nuclear Material Department	VERHAEGHE, Benedicte
16:00	[19] GASR Volume Determination and Characterization	Dr. CHICHESTER, Heather
16:30	[12] POST-IRRADIATION ANNEALING STUDIES OF SMALL-SCALE U-MO MONOLITHIC FUEL SAMPLES	Dr. BURKES, Douglas
17:00	[37] Study on Poolside Inspection Technology for Pressurized Water Reactor Fuel Assembly	Mr. REN, Liang

## Tuesday 23 September 2014

### **Fuel Production: Fuel Production Exchange (08:30-09:00)**

time [id] title

presenter

08:30	[22] MINOR ACTINIDE BEARING BLANKET MANUFACTURING PRESS	Mr. BAYLE, Jean Philippe
-------	---	--------------------------

### **Remote Handling (09:00-09:30)**

time [id] title

presenter

09:00	[30] Process is King-Selecting the right Design for new HOTCELLS	Mr. BARKER, David
-------	--	-------------------

### **Coffee Break (09:30-10:00)**

### **Remote Handling: Part 1 (10:00-12:00)**

time [id] title

presenter

10:00	[45] Shield Plug-Mounted Hot Cell Manipulator System	DOEBLER, Gary
10:30	[16] REPLACEMENT OF A HEAVY MANIPULATOR IN A HOT CELL	Mr. DOMINJON, FRANCK
11:00	[28] RESUMPTION OF OPERATION OF THE PHENIX HOT CELLS: THE SAWING LINE REFURBISHMENT	Dr. PAUL, Jean-Luc Mr. BRUGUIER, Philippe
11:30	[41] DEVELOPMENT OF LASER PUNCTURING AND FISSION GAS ANALYSIS SYSTEM FOR FUEL ROD IN HOTCELL	Mr. HEO, Ki-Soo

### **Lunch (12:00-13:30)**

### **Remote Handling: Part 2 (13:30-15:00)**

time [id] title

presenter

13:30	[5] FIB/SEM in a Hot cell	Mr. CHALAL, Smail
14:00	[23] A NOVEL CONCEPT FOR THE ESS TARGET STATION HOT CELLS	Mr. GÖHRAN, Magnus
14:30	[24] THE ESS IRRADIATED TARGET WHEEL HOT CELL OPERATIONS FOR HANDLING, DISMANTLING, SEPARATION AND PREPARATION FOR FINAL DISPOSAL	Mr. ÅSTRÖM, Lennart

### **Coffee Break (15:00-15:30)**

### **Remote Handling: Part 3 - Meeting Room (15:30-16:00)**

time [id] title

presenter

15:30	[6] Experience in maintenance and decommissioning of in-cell equipment of an operating alpha, beta, gamma hot cell facility.	Mr. THOMAS, Johnny
-------	--	--------------------

### **Gala Diner - Schloss Lenzburg (16:45-22:00)**

## Wednesday 24 September 2014

### Administrativ Tool: Part 1 (08:30-10:30)

time	[id] title	presenter
08:30	[26] The new VTT Centre for Nuclear Safety	Dr. KARLSEN, Wade
09:00	[2] Quality Management in a HOTLAB – Challenges & Solutions	Mr. ZUBLER, Robert
09:30	[3] Integrated Mangementssystem in a modern HOTLAB	STREIT, Marco
10:00	[42] Implementation, in JHR Project Hot Cells, of recent requirements of French Nuclear Safety Authority (ASN) and experimental need, and also experience gained in CEA nuclear facilities.	M. MARTIN-VIGNERTE, sylvain

### Coffee Break (10:30-11:00)

### Remote Handling: Part 4 - Meeting Room (11:00-12:00)

time	[id] title	presenter
11:00	[31] New devices designed and used to perform dissolutions in Atalante Hot Cells : Application to the oxide fuel dissolution	M. FERLAY, GILLES
11:30	[10] The Development of the Shielded Secondary Electron Microscope at KAERI	Mr. KWON, Hyoung-Mun

### Lunch (12:00-13:30)

### Remote Handling: Part 5 - Meeting Room (13:30-15:00)

time	[id] title	presenter
13:30	[9] COST-EFFECTIVE PRECRACKING OF PCCV SPECIMENS FOR FRACTURE TOUGHNESS TESTING BY USING A PIEZO-ELECTRIC ACTUATOR	Mr. SCHUURMANS, Johan
14:00	[33] Design and Construction of New Hot Cells and Micro-Machining/EDM Facilities at ANSTO	Dr. OBBARD, Edward Dr. BAMBERG, Eberhard
14:30	[34] CONTINUATION OF CONSTRUCTION OF HOT CELL FACILITY IN CVR	Dr. SRBA, Ondrej

### Coffee Break (15:00-15:30)

### Remote Handling: Part 6 - Meeting Room (15:30-16:30)

time	[id] title	presenter
15:30	[29] Development of irradiated specimens transport system within the two semi-hot cells refurbishment project	Mr. KOPRIVA, Radim
16:00	[4] FIXBOX 3 – FIRST RESULTS FROM THE PSI HOTLAB LIQUID WASTE TREATMENT FACILITY	POTTHAST, Heiko-Dirk

### Summary Session (16:30-17:00)

- Conveners: Dr. Gavillet, Didier

time	[id] title	presenter
16:30	[40] Summary and final remarks	Dr. GAVILLET, Didier