

International Seminar Series on
Environmental Radioactivity and Nuclear Waste Management

Program

February 29, 2016 (Monday)

9:00 - 9:10	Opening		
		Tamotsu Kozaki	(Hokkaido University)
9:10 -10:20	Borosilicate glasses as waste forms for actinides and fission products 1		
		Bernd Grambow	(Subatech)
10:30-11:40	Borosilicate glasses as waste forms for actinides and fission products 2		
		Bernd Grambow	(Subatech)
11:50-12:20	Subatech internship report		
		Daisaku Shitara	(Hokkaido University)
		Takamasa Inai	(Tokai University)
12:20-13:30	Lunch break		
13:30-14:10	Zircaloy claddings: from bulk to surface		
		Tomo Suzuki	(Subatech)
14:20-15:30	Fallout radionuclide migration in the surface soil and estimation of uptake of ¹³⁷ Cs in the xylem of tree: Comparison of Fukushima with Nagasaki and Nancy		
		Yasunori Mahara	(Kyoto University)
15:40-16:50	Core melt reactions and characteristics of fuel debris		
		Masahide Takano	(JAEA)
17:00-17:30	Discussion		
18:30	Buffet dinner/social		

March 1, 2016 (Tuesday)

9:00 - 10:20	Radionuclide surface chemistry on cement, metal oxides and minerals determined via in situ synchrotron microfluidic experiments		
		Roy Wogelius	(University of Manchester)
10:30 – 11:10	Actinide immobilization and nano-film formation on mineral surfaces		
		Arjen van Veelen	(University of Manchester)
11:20- 12:40	An overview of the decommissioning process and some key lessons learned		
		Larry Boing	(Argonne National Laboratory)
12:40-14:00	Lunch break		
14:00-15:20	Environmental Radiation Protection		
		Mike Wood	(University of Salford)
15:30-17:00	Discussion		