

## Draft Agenda - Generation IV seminar Horsvik Conference, Studsvik Nuclear, Nyköping, Sweden October 15 - 16, 2009

October 15th 2009

Time	Topic	Presenter
9:30	Registration and coffee	
10:00	Welcome	Studsvik
10:10	Introductions and GenIV Research Interests from Vattenfall	Daniel Westlén, Vattenfall
<b>Overview of Euratom activities related to GenIV nuclear reactor systems</b>		
10:20	Generation IV reactor systems and fuel cycles (horizon 2030): technological breakthroughs in nuclear fission (int'l RD&DD)	Georges van Goethem, European Commission (Euratom)
<b>Overview of GenIV nuclear reactor systems</b>		
10:50	GenIV concepts and material issues	Janne Wallenius, KTH
<b>Nordic GenIV network activities</b>		
11:30	NOMAGE4	Clara Anghel, Studsvik
11:50	GEN4FIN	Liisa Heikinheimo, TVO
<b>Materials for GenIV nuclear reactor systems</b>		
12:10	Vattenfall plans for utilization of the JHR	Daniel Westlén, Vattenfall
12:25	SFR material and corrosion issues	Damien Féron, CEA
13:05	Lunch	All
14:00	LFR and experimental facilities at KTH	Janne Wallenius, KTH
14:20	Materials Performance at SCWR conditions	Sami Penttilä, VTT
14:50	Thermal design issues in Gen IV supercritical-water-cooled reactors	Henryk Anglart, KTH
15:10	SCWR concept and cross cutting materials issues	Jörg Starflinger, FZK
15:40	Coffee	All
16:00	GFR material and corrosion issues	Fanny Balbaud, CEA
16:40	Chalmers material research with positron measurements in the European Gen-IV project GETMAT.	Anders Nordlund and Petty Bernitt, Chalmers
17:00	Adjourn	
18:00	Poster session – Horsvik	All
19:00	Dinner at Horsvik	All

October 16th 2009

Time	Topic	Presenter
09:00	Reactor core calculations with Serpent	Tuomas Viitanen, Helsinki University of Technology
09:20	Development of thorium-based fuels for LWRs	Valentin Fhager, Thor Energy
09:40	Thorium research and MSR dynamics	Imre Pazsit, Chalmers
10:00	GenIV activities at Prizztech, Finland	Jouko Koivula, Prizztech
10:20	European Spallation Source Scandinavia (prel.)	Axel Steuwer, ESSS
10:40	In-reactor Loop Testing at Halden	Rudi Van Nieuwenhove, Halden
11:00	Break and poster session	All
11:20	Fuel and targets for transmutation of actinides	Catharina Nästrén, Studsvik
11:40	Swedish academic Gen-IV activities	Jan Blomgren, SKC
12:00	Lunch	All
13:00	Panel discussion	All
14:00	Summary	Joakim Karlsson, Studsvik
14:15	Visit to the Hot Cell Laboratory	Studsvik
15:30	Adjourn	