

TENTATIVE PROGRAM (version 21.9.2016 - subject to changes)

WEDNESDAY 2 NOVEMBER 2016

TIME	ROOM FENNIA I	NORDIA	PRESS ROOM
09:00 – 10:05 OPENING SESSION			
Chair of session: TBA			
09:00	<i>Opening of SYP2016</i> Chairman of the Board Kai Salminen Finnish Nuclear Society	x	x
09:05	<i>Greetings from the Government</i> NN Ministry of Economic Affairs and Employment	x	x
09:20	<i>Fennovoima's Hanhikivi 1 project</i> CEO Toni Hemminki Fennovoima Oy	x	x
09:35	<i>Fortum's view of future energy supply</i> Executive Vice President Tiina Tuomela Fortum Oyj	x	x
09:50	<i>Current activities in Olkiluoto</i> CEO Jarmo Tanhua TVO Oyj	x	x
10:05	Session end		

Sponsored by:





TENTATIVE PROGRAM (version 21.9.2016 - subject to changes)

WEDNESDAY 2 NOVEMBER 2016

TIME	ROOM FENNIA I	NORDIA	PRESS ROOM
10:15 – 11:55 TECHNICAL SESSIONS			
	Session title Chair of session: TBA	Press meeting Chair of session: Pasi Tuohimaa	Session title Chair of session: TBA
10:15	<i>Reliability Analysis of Digital I&C in Nuclear Power Plants</i> Dr. Jan-Erik Holmberg Risk Pilot Ab	<i>Press meeting</i>	<i>Tier 2 presentation</i> NN
10:40	<i>Opportunities for Source Modelling to Support the Seismic Hazard Estimation for Nuclear Power Plants</i> Research Scientist Vilho Jussila VTT Oy	<i>Press meeting</i>	<i>Tier 2 presentation</i> NN
11:05	<i>Advanced Licensing and Safety Engineering Method - ADLAS®</i> Mr. Antti Rantakaulio Fortum Power and Heat Oy	x	<i>Tier 2 presentation</i> NN
11:30	<i>TVO Reactor Internal Pumps, improved design to achieve 20% capacity increase.</i> Marketing Manager Mats Olsson Westinghouse Electric Sweden AB	x	<i>Tier 2 presentation</i> NN
11:55	Session end		
12:00-13:00 Lunch (upper lobby)			

Sponsored by:





TENTATIVE PROGRAM (version 21.9.2016 - subject to changes)

WEDNESDAY 2 NOVEMBER 2016

TIME	ROOM FENNIA I	NORDIA	PRESS ROOM
13:10 – 14:50 TECHNICAL SESSIONS			
	Session title Chair of session: TBA	Session title Chair of session: TBA	Session title Chair of session: TBA
13:10	<i>Utilization of VTT's Monte Carlo code Serpent2 in validation of lattice physics methods at Westinghouse</i> Mr. Karol Luszczek Westinghouse Sweden AB	<i>Thermochemical modelling of nuclear fuel</i> Research Scientist Henri Loukusa VTT Oy	<i>Tier 2 presentation</i> NN
13:35	<i>Verification of the PWR Core Analysis Code RAST-K 2.0</i> Mr. Youqi Zheng Ulsan National Institute of Science and Techn.	<i>Westinghouse TRITON11™ BWR Fuel Design</i> Mr. Uffe Bergmann Westinghouse Electric Sweden AB	<i>Tier 2 presentation</i> NN
14:00	<i>Quasi-static Analysis of VHTR Core using Neutronics/Thermo-fluid Coupled CAPP/GAMMA+ Code System</i> Mr. Hyun Chul Lee Pusan National University	<i>Simplified Transport Modelling of a Disposal System and Doses Using Probabilistic Methods</i> Design Engineer Pekka Kupiainen Fortum Power and Heat Oy	<i>Tier 2 presentation</i> NN
14:25	<i>Reactivity Control of a Soluble-Boron-Free AP1000 Equilibrium Cycle</i> Mohd-Syukri Yahya Korea Advanced Institute of Science and Techn.	<i>Upscaling laboratory data towards in situ conditions</i> Ms. Eveliina Muuri University of Helsinki	<i>Tier 2 presentation</i> NN
14:50	Session end		

Sponsored by:

TENTATIVE PROGRAM (version 21.9.2016 - subject to changes)

WEDNESDAY 2 NOVEMBER 2016

TIME	ROOM FENNIA I	NORDIA	PRESS ROOM
15:30 – 16:50 PLENARY SESSION			
Chair of session: TBA			
15:30	<i>British perspective on Small Modular Reactors</i> Senior Lecturer Eugene Schwageraus University of Cambridge	x	x
15:50	<i>Making sense of nuclear safety: insights from the 'overall safety concept' study</i> Professor Juhani Hyvärinen Lappeenranta University of Technology	x	x
16:10	<i>Science of nuclear materials: from condensed matter physics to engineering challenges</i> Professor Filip Tuomisto Aalto University	x	x
16:30	<i>Fusion in the footsteps of fission - from basic research to building reactors</i> Senior Scientist Antti Hakola VTT Oy	x	x
16:50	Session end		

Sponsored by:





TENTATIVE PROGRAM (version 21.9.2016 - subject to changes)

THURSDAY 3 NOVEMBER 2016

TIME	ROOM FENNIA I	NORDIA	PRESS ROOM
09:00 – 10:00 PLENARY SESSION Chair of session: TBA			
09:00	<i>Olkiluoto 3 commissioning</i> NN TVO Oyj	x	x
09:15	<i>Hanhikivi 1 project status</i> Licensing Manager Janne Liuko Fennovoima Oy	x	x
09:30	<i>Fir 1 TRIGA Mark II Research Reactor Decommissioning</i> Research Team Leader Petri Kotiluoto VTT Oy	x	x
09:45	<i>Posiva perspectives in disposal of spent nuclear fuel</i> Senior Vice President Tiina Jalonen Posiva Oy	x	x
10:00	Session end		

Sponsored by:





TENTATIVE PROGRAM (version 21.9.2016 - subject to changes)

THURSDAY 3 NOVEMBER 2016

TIME	ROOM FENNIA I	NORDIA	PRESS ROOM
10:15 – 11:55 TECHNICAL SESSIONS			
Chair of session: TBA			
	Session title Chair of session: TBA	Session title Chair of session: TBA	Session title Chair of session: TBA
10:15	<i>Integrated System Level Simulation and Analysis of DEMO with Apros</i> Design Engineer Sami Kiviluoto Fortum Power and Heat Oy	<i>Development of a Triple-Coincidence Positron Lifetime Spectrometer for Nuclear Materials Research</i> Mr. Janne Heikinheimo Aalto University	<i>Tier 2 presentation</i> NN
10:40	<i>Remote Handling in Fusion and Fission Research and Industry</i> NN VTT Oy	<i>Novel Instrumentation for Nuclear Safety, Security and Safeguards: the NINS3 Research Project</i> Scientist Pauli Peura Helsinki Institute of Physics	<i>Tier 2 presentation</i> NN
11:05	<i>Neutronics Calculations for ITER Fusion Reactor</i> Mr. Jari Varje Aalto University	<i>Numerical Modelling of Direct Contact Condensation of Steam in BWR Pressure Suppression Pool System</i> Research Student Giteshkumar Patel Lappeenranta University of Technology	<i>Tier 2 presentation</i> NN
11:30	<i>Tier 2 presentation</i> NN	<i>Tier 2 presentation</i> NN	<i>Tier 2 presentation</i> NN
11:55	Session end		

Sponsored by:





TENTATIVE PROGRAM (version 21.9.2016 - subject to changes)

THURSDAY 3 NOVEMBER 2016

TIME	ROOM FENNIA I	NORDIA	PRESS ROOM
12:10 – 12:55 PLENARY SESSION			
Chair of session: TBA			
12:10	Panel discussion: Subject TBA Participants TBA	x	x
12:55	Session end and symposium conclusion		
13:00-14:00	Lunch (upper lobby)		

17:00-19:00 Studia Generalia (in Finnish), Aalto University School of Business, Runeberginkatu 14-16, hall B-200

Presenters: Timo Äikäs (Posiva) and Taina Kurki-Suonio (Aalto)

See: <http://www.ats-fns.fi/fi/syp2016/studia-generalia>

Sponsored by:



