



update October 27th, 2015

Agenda

NURESAFE SECOND OPEN GENERAL SEMINAR

November 4th and 5th, 2015

Brussels44 Center, *Amphitheater Jacques Brel/Maeterlinck*
Boulevard du Jardin Botanique 44, 1000 Bruxelles, Belgium

Day 1 - November 4th, 2015

Start at	End at		Speaker
8:45	9:15	<i>Registration</i>	
9:15	9:35	Introduction – The NURESAFE project	B. Chanaron (CEA)
		Multi-physics activities	Chair S. Kliem
9:35	10:05	Introduction to the multi-physics activities	S. Kliem (HZDR)
10:05	10:25	SALOME: recent developments and HPC capacities	N. Cruzet (CEA)
		<i>coffee break</i>	
10:45	11:15	Capacities and achievements of the COBAYA4 code after the NURESAFE project	C. Ahnert (UPM)
11:15	11:45	Advanced simulation of the PWR MSLB using the TRIO_U/DYN3D coupled code	Alexander Grahn (HZDR)
11:45	12:15	PB Turbine Trip without SCRAM advanced simulation	Y. Perin (GRS)
12:15	12:45	Developments and results for VVER	N. Kolev (INRNE)
12:45	14:00	<i>lunch</i>	
14:00	14:15	Information from the European Commission	P. Manolatos
		Multi-physics and multi-scale thermal-hydraulics applications	Chair D. Bestion
14:15	14:40	Overview of thermal-hydraulics activities from NURESIM to NURESAFE	D. Bestion (CEA)
14:40	15:05	Advanced modeling of Reflooding	N. Trégourès (IRSN)
		<i>coffee break</i>	
15:20	15:50	Other developments for LOCA	Contributors
15:50	16:05	Uncertainty quantification of system codes	E. Nouy (CEA)
16:05	16:20	Towards a more general CFD modeling for all flow regimes	S. Mimouni (EDF)
16:20	16:55	Multi-scale simulation of Pressurized Thermal Shock (PTS)	(HZDR, UCL)
16:55	17:05	Uncertainty quantification of CFD for PTS simulation	(CEA)
17:05	17:40	BWR advanced thermal-hydraulics	H. Anglart (KTH)



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Day 2 – November 5th, 2015

Start at	End at		Speaker
9 :00	9 :30	The NURESAFE users group activity	T. Toppila (FORTUM)
		Core multiscale thermal-hydraulics	Chair - D. Lakehal
9:30	10:00	Introduction to core multi-scale activities	D. Lakehal (ASCOMP)
		<i>coffee break</i>	
10:15	10:45	Coupling interface tracking Method with phase-averaged models	(ASCOMP)
10:45	11:15	DNS of pool and turbulent convective boiling	(PSI or ASCOMP)
11:15	11:45	DNS of turbulent bubbly flow in a channel	(CEA or ASCOMP)
11:45	12:15	Implementation in the platform codes and validation	L. Vyskocil (UJV)
12:15	12:30	Conclusions of the Seminar - discussion	Nuresafe Excom