

## SHORT COURSE ON SEVERE ACCIDENT PHENOMENOLOGY - LJUBLJANA, SLOVENIA, 23-27 October 2017

Jozef Stefan Institute, Jamova cesta 39, Ljubljana, Slovenia - Main lecture hall

Monday, October 23	Tuesday, October 24	Wednesday, October 25	Thursday, October 26	Friday, October 27
8:30-9:00 Registration	8:30-9:30 Severe Accident Societal Impact	8:30-10:00 Steam Explosions	8:00-10:00 Safety Assessment (PSA)	8:30-10:30 Severe Accident Code - Part A • ASTEC
9:00-9:15 Introduction Welcome Organisational details				
9:15-10:15 Severe Accidents in NPP Safety	9:30-11:30 Early In-Vessel Phase	10:00-11:00 Ex-Vessel Phase - Part A	10:00-10:05 Break	10:30-11:30 Severe Accident Code - Part B • MELCOR
10:15-11:15 Historical NPP Accidents			10:05-10:50 Nuclear Energy in Slovenia	
11:15-11:45 Coffee Break	11:30-12:00 Coffee Break	11:00-11:30 Coffee Break	Visit to Krško NPP or TRIGA research reactor (options)	11:30-12:00 Coffee Break
11:45-12:45 TMI-2 Accident	12:00-13:00 Late In-Vessel Phase	11:30-13:00 Ex-Vessel Phase - Part B		12:00-13:00 Comparison of SA Management in Gen III PWR on Market
12:45-14:00 Lunch	13:00-14:30 Lunch	13:00-14:30 (fixed) Lunch	Krško NPP 11:00 - 12:00 Sandwiches and water in bus	13:00-14:30 Lunch
14:00 -15:30 Fukushima Accident (including current status)	14:30 -15:30 Early Containment Failure	14:30-16:00 Source Term - Part A	12:15-13:15 General presentation 13:30 1st group Krško NPP 15:00 2nd group Krško NPP	14:30 -16:30 Gen II and III In-Vessel and Ex- Vessel Melt Retention (VVER-440, AP-1000, ACR1400, ...)
15:30-16:00 Break	15:30-16:00 Break	16:00-16:30 Break	TRIGA research reactor	
16:00 -17:00 Severe Accident Crisis Management	16:00-18:00 Hydrogen Risk	16:30-18:00 Source Term - Part B	11:00 - 12:00 Lunch	
17:00-18:00 Severe Accident Decommissioning Severe Accident Environ. Impact			12:00 - 12:30 Trip to IJS reactor cent. 13:00 - 14:30 Visit of reactor	16:30-17:00 Break
				17:00-17:30 Feedback and conclusions