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# Joint ICTP-IAEA 1st Course on Scientific Novelties in Phenomenology of Severe Accidents in Water-Cooled Reactors | (smr 3247)

## Thursday 25 October 2018

**- Leonardo Building - Euler Lecture Hall (09:00-17:30)**

time	title	presenter
09:00	Phenomenology in Propagation of Severe Accidents - Physics and Chemistry of Source Term	LUIS HERRANZ
10:30	Coffee break	
10:45	Phenomenology in Propagation of Severe Accidents - Fission Product Behaviour and Transport	LUIS HERRANZ
12:30	Lunch break	
14:00	Technological Challenges in Propagation of Severe Accidents and Mitigation of their Consequences - Containment Pressure Venting and Prevention of Hydrogen Explosions	JAVIER ORTIZ
15:00	Numerical Simulations of Severe Accident Phenomena	MATTHEW MEMMOTT
16:00	Coffee break	
16:15	Practical Exercise: Group Project	JAVIER ORTIZ; MATTHIAS KRAUSE; MATTHEW MEMMOTT