



Towards European Licensing of
Small Modular Reactors

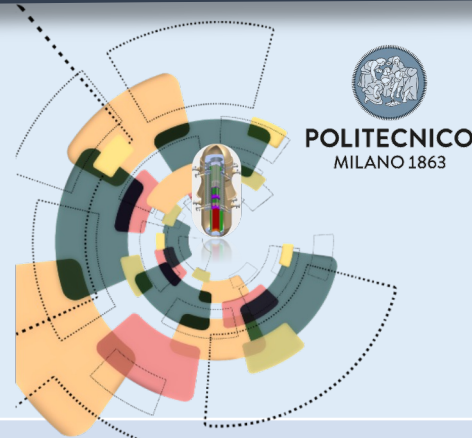
International Summer School on
**Early-deployable Small
Modular Reactors**

2022

July, Tue **5** - Fri **8**, 2022

Lake of Lecco, Italy

PROGRAMME & LECTURERS

Day #1 - Jul, Tue 5th

08:30 – 09:00	<i>Registration & Welcome</i>	
09:00 – 10:00	Europe & SMR: the ELSMOR project	Ville Tulkki (VTT)
10:00 – 11:00	Status of SMR development & deployment in the World	Hadid Subki (IAEA) - online
11:00 – 11:30	<i>coffee break</i>	
11:30 – 12:30	Advanced and innovative safety features of LW-SMRs	Sebastian Buchholz (GRS) - online
12:30 – 14:00	<i>lunch</i>	
14:00 – 16:00	Working Groups on «modelling an SMR passive safety system»	Marco Ricotti, Stefano Lorenzi (POLIMI)
16:00 – 16:30	<i>coffee break</i>	
16:30 – 17:30	Utilities' interest on SMR technology: the OPG case	Gary Rose (OPG) - online
	<i>Social dinner – on the lake</i>	



Ville Tulkki - VTT

ELSMOR project leader, Lead, SMR Technologies at VTT Technical Research Centre of Finland



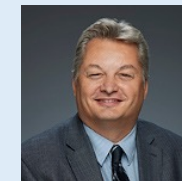
Hadid Subki - IAEA

Technical Lead, SMR Technology Development, Nuclear Power Technology Development Section, Nuclear Power Division, Nuclear Energy Dept.



Sebastian Buchholz – GRS

Safety Research Division



Gary Rose – OPG

Vice President, New Nuclear Growth at Ontario Power Generation



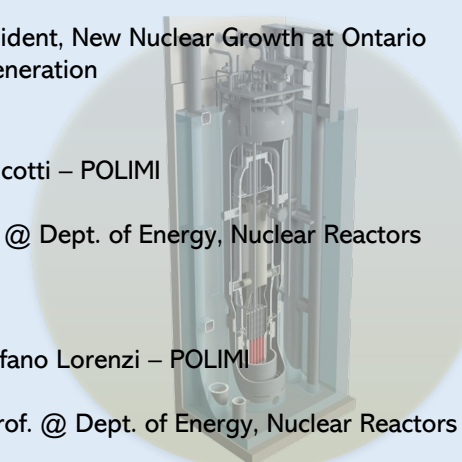
Marco Ricotti – POLIMI

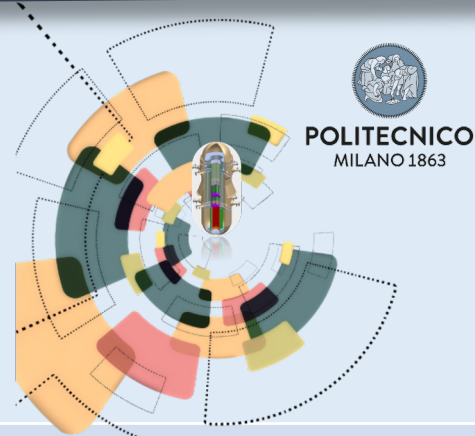
full prof. @ Dept. of Energy, Nuclear Reactors Group



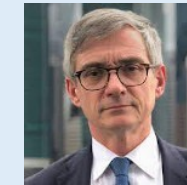
prof. Stefano Lorenzi – POLIMI

assist. prof. @ Dept. of Energy, Nuclear Reactors Group



Day #2 - Jul, Wed 6th

09:00 – 10:00	Methodologies for safety demonstration	Ville Tulkki (VTT)
10:00 – 11:00	The European nuclear community and its strategy on SMRs	Bernard Salha (SNETP) - <i>online</i>
11:00 – 11:30	<i>coffee break</i>	
11:30 – 12:30	LW-SMR technology: NUWARD and other projects	Eric Hanus (CEA) - <i>online</i>
12:30 – 14:00	<i>lunch</i>	
14:00 – 15:00	International experience in SMR licensing process	Sean Belyea (CNSC)
15:00 – 16:00	Safety of SMRs: transient analysis and severe accidents	Jeremy Bittan (EdF)
16:00 – 16:30	<i>coffee break</i>	
16:30 – 17:30	Working Groups on «modelling an SMR passive safety system»	Marco Ricotti, Stefano Lorenzi (POLIMI)



Bernard Salha – EdF

President of the European Sustainable Nuclear Energy Technology Platform (SNETP)



Eric Hanus – CEA

LW-SMR project manager



Sean Belyea - CNSC

Project Officer, Licensing Division, Canadian Nuclear Safety Commission member of the SMR's Regulators Forum

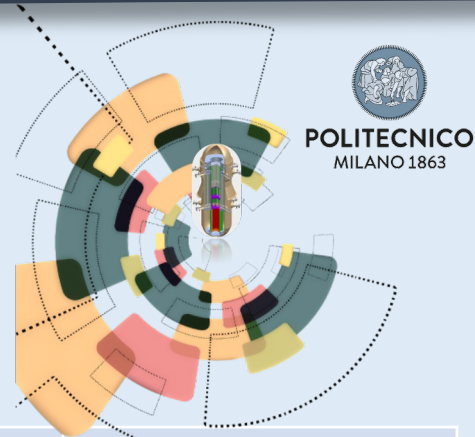


Jeremy Bittan – EdF

Expert Research Engineer, Safety Analysis and Severe Accident modelling



Day #3 - Jul, Wed 7th



09:00 – 10:00	SMR: how to design an experimental facility	Roberta Ferri (SIET)
10:00 – 11:00	Stakeholder needs and Institutional Strength-in-Depth for SMRs	Nadezhda Gotcheva (VTT)
11:00 – 11:30	<i>coffee break</i>	
11:30 – 12:30	Working Groups “SMR deployment and stakeholders interaction”	Nadezhda Gotcheva (VTT)
12:30 – 14:00	<i>lunch</i>	
14:00 – 15:00	CAREM design and construction experience	Dario Delmastro (CNEA)
15:00	<i>move to Milano</i>	
16:30 – 21:00	<i>Social event in Milano</i>	



Roberta Ferri - SIET

Project Leader



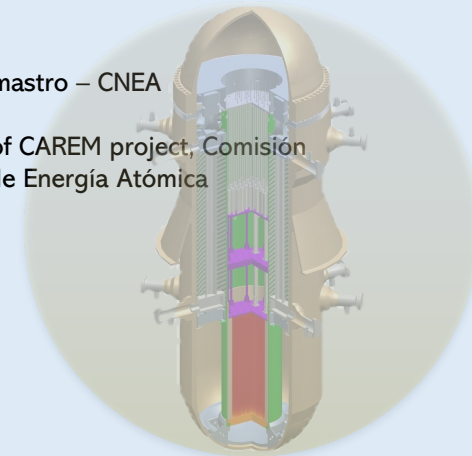
Nadezhda Gotcheva – VTT

Research Team Leader, Safety in complex sociotechnical systems

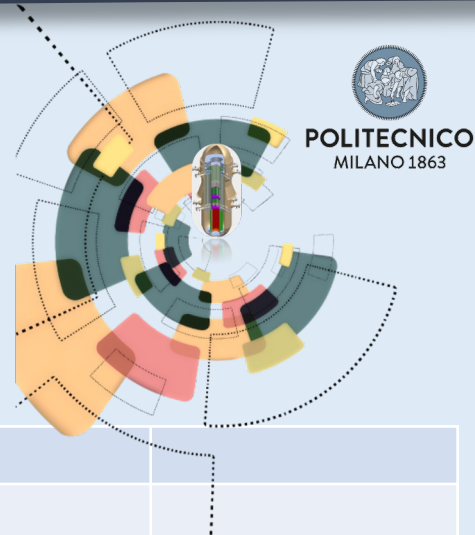


Dario Delmastro – CNEA

manager of CAREM project, Comisión Nacional de Energía Atómica



Day #4 - Jul, Wed 8th



08:00	Departure from Lecco by bus	
10:30	Arrival at SIET labs	
10:30 – 11:00	Presentation of SIET labs & activities	Roberta Ferri (SIET)
11:00 – 12:30	Visit to the labs	
12:30 – 14:00	lunch	
14:00 – 14:30	Summer School closure (discussion & feedbacks), certificates delivery	
14:30	Departure from SIET	
15:30/16:00	Milano	
16:30/17:00	Lecco	

