



For Who

The target participants are MSc and PhD students, young researchers, engineers in the broad field of nuclear sciences, engineering and technologies.

Deadline for application:

June 25th, 2022

No fees

(School costs are supported by European Commission funded ELSMOR project)

The application form is available here at:

www.nuclearenergy.polimi.it/elsmor2022ss

Should there be any problem with the online registration, please contact: elsmor2022ss@polimi.it

Please upload your short curriculum vitae, which will be used for selection purposes.

The 2022 Summer School programme corresponds approximately to 2 ECTS credits of post graduate-level course work in Nuclear Engineering.

The city of Lecco is situated on "that side of the Lake of Como", which was so dear to Alessandro Manzoni, and where he set his great novel "I Promessi Sposi". Exactly at the point where the lake ends and the river Adda continues its flow.

The city is surrounded by mountains of extraordinary beauty, and its mild climate is typical of lake areas.

Key Dates

June 25th, 2022: Application deadline
(Notification of acceptance to Applicants: 3 days after Your application is submitted)

July 5th, 2022: Welcome & start of lectures

July 8th, 2022: Visit to labs & end of the school

Location

Lecco, ITALY

Politecnico di Milano, Campus of Lecco

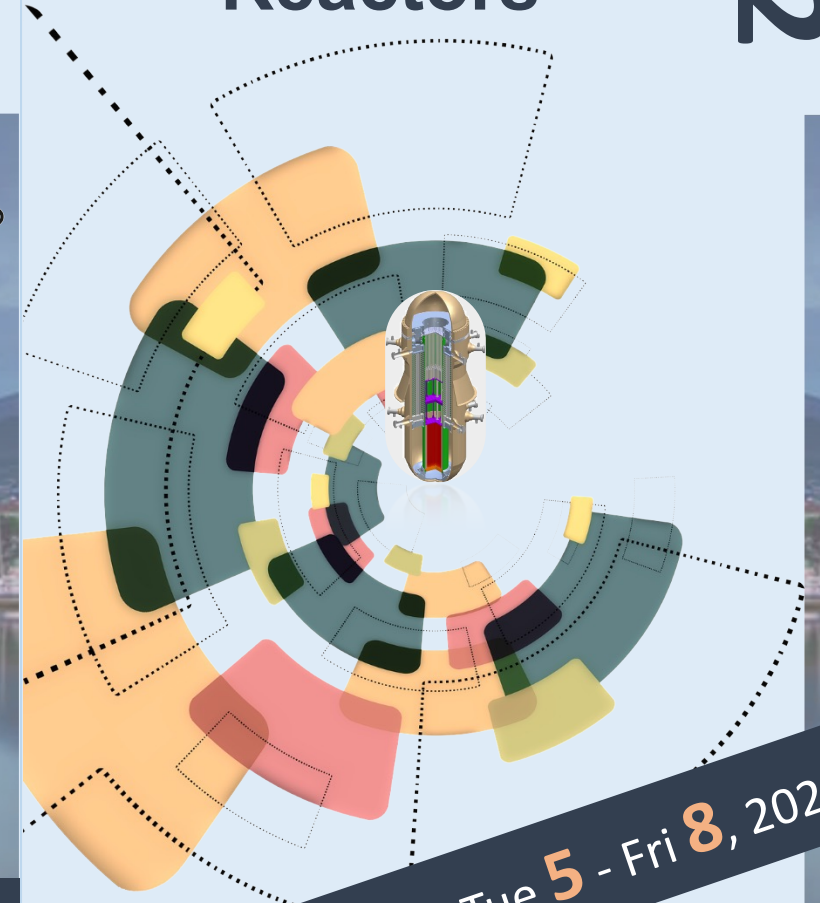


POLITECNICO MILANO 1863



International Summer School on Early-deployable Small Modular Reactors

2022



July, Tue 5 - Fri 8, 2022

more info:

www.elsmor.eu



July, Tue 5 - Fri 8, 2022

Tue 5th



09:00 – 12:30

- Europe and SMR: the ELSMOR R&D project
- SMR development & deployment in the World
- Key safety features in SMR designs

14:00 – 17:30

- The interest of Utilities in SMR technology
- Working Groups on «modelling of SMR passive safety system» - 1

Social dinner on the Lake

Thu 7th



09:00 – 12:30

- Net Zero strategy needs SMRs
- SMR: how to design an experimental facility
- Modelling & safety analysis for SMRs

14:00 – 16:00

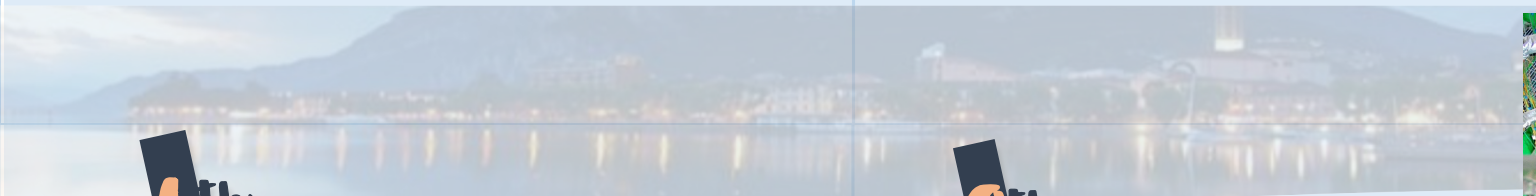
- SMR design & construction experience

Social event in Milano

The learning objective of the School is to guide the participants to evaluate the Small Modular Reactors in a holistic way. The focus will be on Light Water SMRs, the most early-deployable technology.

Lectures will be offered by international experts. A live Q&A and discussion session with the floor will conclude each seminar. The modelling of experimental data will be the challenge for the Working Groups.

Wed 6th



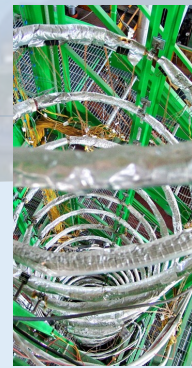
09:00 – 12:30

- Safety evaluation of Small Modular Reactors
- The European Commission strategy on SMRs
- EU SMR technology: the NUWARD project

14:00 – 17:30

- Licensing process for SMRs: graded approach
- Working Groups on «modelling of SMR passive safety system» - 2

Fri 8th



09:00 – 12:30

- **Visit to SIET experimental labs** (Piacenza)

14:00

- Certificates & Summer School closure



Lecturers

Hadid Subki (IAEA)	Tulkki Ville (VTT)
Marco Ricotti (POLIMI)	Eric Hanus (CEA)
Nathalie Playez (Framatome)	Calogera Lombardo (ENEA)
Roberta Ferri (SIET)	Sebastian Buchholz (GRS)
Dario Delmastro (CNEA)	

and other international experts

Accommodation

Some rooms in POLIMI residence available. Discounted rates in nearby Hotels.

The detailed, final programme of the Summer School & key info will be published here:

www.nuclearenergy.polimi.it/elsmor2022ss

