

## **The Nuclear Engineering MOdelling (NEMO) group at Politecnico di Torino: a focus on reactor physics studies and research**

*jeudi 26 octobre 2023 14:00 (1 heure)*

The Nuclear Engineering MOdelling (NEMO) group at Politecnico di Torino is working since many years on various modelling aspects of nuclear engineering, covering both fission and fusion applications, thanks to the active participation of its members to a variety of national and international research projects.

In this seminar, a brief overview of the NEMO group activities will be given. Then, the latest activities in the field of nuclear reactor physics modelling will be illustrated, with a specific focus on the development of innovative approaches to the study of nuclear reactors and the application of state-of-the-art reactor physics tools to innovative reactor concepts.

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