Gain insight into the state-of-the-art research focused to the development of MYRRHA and other HLM-based nuclear systems.

Join this summer school which covers several aspects of HLM technology that are essential for the engineering design and safety of nuclear systems.

Format
The course will be given face-to-face. In addition to lectures, ample time is foreseen for practical exercises, interactive group sessions and technical visits.

Target audience
This summer school is aimed at PhD students, post-docs and professionals with a particular interest in the domain of HLM technologies.

Travel grants available via ENEN2plus project: https://mobility.enen.eu

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Topics

- Motivation for HLM-based nuclear systems and design of HLM facilities
- Module on chemistry: introduction to various sources of impurities in HLM and methods of purification
- Module on materials: selection of materials for structural and functional components of reactors
- Module on thermal hydraulics: fundamentals of heat transfer in HLM to provide insight in the thermal hydraulic phenomena occurring in the fuel assembly and primary system

Participants receive a backstage visit and concert ticket for Graspop Metal Meeting in Dessel.

APPLICATION DEADLINE