



Generation IV reactors fuel cycle

First INSPYRE school May 13-17, 2019, Delft (NL)

The school, designed for graduate students, young scientists and professionals, will give a comprehensive overview of the nuclear fuel cycle for next generation nuclear reactors.

It will cover key aspects of chemistry, physics and materials science involved in each stage of the fuel cycle, with a particular focus on the challenges of oxide fuels.

Courses and tutorials

- Generation IV systems and closed fuel cycle
- Fuel manufacturing and qualification
- Detailed fuel characterization
- In-reactor behaviour
- Multiscale modelling & fuel performance codes
- Fuel reprocessing and recycling



Visit of the research reactor
at the Reactor Institute Delft.



GENIORS

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Organizing committee

Anna L. Smith - TU Delft
Philippe Martin - CEA

Advisory committee

Marjorie Bertolus - CEA
Stephane Bourg - CEA
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Registration deadline
15 January 2019



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