



FJOH-2019

Pre-Announcement

25th Edition



**The Frédéric Joliot & Otto Hahn
Summer School on Nuclear Reactors
“Physics, Fuels, and Systems”**

Innovative Reactors: Matching the Design to Future Deployment and Energy Needs

**August 21 – August 30, 2019
Karlsruhe, Germany**

- **Introduction: various innovative reactor concepts for various missions** 4 h
- **Near-term deployment power-to-grid integrated LWR technology** 7 h
- **Multi-purpose molten salt reactors** 8 h
- **Nuclear technology for space propulsion and manned space exploration** 4 h
- **Minimum intervention breed-and-burn reactors** 6 h
- **Reactor concepts for process heat and power-to-gas applications** 4 h
- **Group reflection on selected scientific topics** 6 h
- **Seminar** 2 h
- **Technical visits**

- The FJOH School is intended for scientists, physicists and engineers of all experience working in nuclear science and engineering, in R&D organizations, universities or industry. It is jointly organized by the CEA Nuclear Energy Division and the KIT.
- Lectures will be given by a panel of distinguished speakers from R&D organizations, universities, and industry.
- Extra-curricular activities and a weekend programme will be organized.
- The official programme, detailed course description, and application instructions will be issued early in 2019.
- Full registration fee, incl. lodging and food: 2000 euros – Reduced fee: 1000 euros for fellowship recipients.

For any information, please contact the FJOH school secretariat at ingeborg.schwartz@kit.edu or visit our web site www.fjohss.eu

