

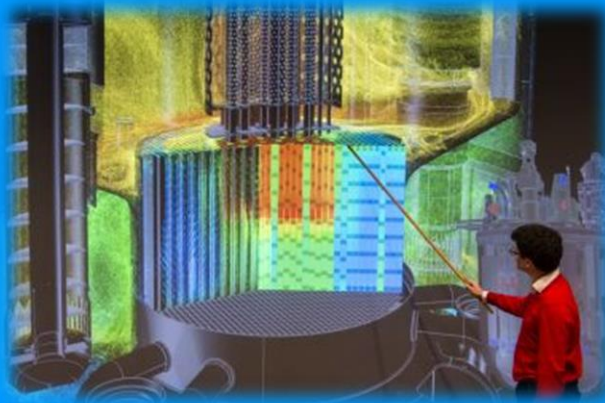
Frédéric Joliot & Otto Hahn
Summer School on Nuclear Reactors
“Physics, Fuels and Systems”

FJOH-2020
First announcement



High-fidelity Modelling and Simulation of Nuclear Reactors: Turning a Promise into Reality

August 26 – September 4th, 2020 Aix-en-Provence, France



- **Current State-of-the-art M&S in Connection with Plant Operation** 6 h
- **M&S Needs Arising from the Near-term Deployment of New Fuels and Reactors** 6 h
- **Addressing Nuclear Challenges Using Advanced M&S** 12 h
- **Cross-cutting Issues: Uncertainty Assessment, V&V, Safety... How Can Modern Digital Technologies Help** 8 h
- **Seminar on How to Make a Convincing Facts-driven Case for Sustainable Nuclear in the Energy Mix** 2 h
- **Group Reflection on Selected Scientific Topics** 6 h
- **Visit of CEA Cadarache Facilities**

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 Karlsruhe Institute of Technology.

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 2020.

Full registration fee, incl. lodging and food: 2100 euros – Reduced fee: 1100 euros for fellowship recipients.