

# FJOH-2014

20<sup>th</sup> edition

## First announcement

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

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## Nuclear Reactors: Bridging the Gap between Science and Industry



► August 20-29, 2014 – Aix en Provence, France

- Current LWR technology and R&D challenges** 3 h
- LWR Physics Methods and Data** 15 h  
*Lattice physics, core modelling, validation, lessons learned from operating plants, reactor I&C, core performance*
- LWR Fuels and Structural Materials** 15 h  
*Materials science and radiation damage, materials degradation and ageing, fuel performance, industrial issues  
What have we learned, what are the problems yet to be solved?*
- Group activities, discussions on scientific topics, seminars** 8 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 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 2014.
- Full registration fee, incl. lodging and food: 1900 euros – Reduced fees: 950 euros for fellowship recipients.

For any information, please contact the FJOH school secretariat at [fjoh@cea.fr](mailto:fjoh@cea.fr) or visit our web site [www.fjohss.eu](http://www.fjohss.eu)

