

25th Edition

FJOH 2019

Karlsruhe, Germany
August 21 > 30 2019

Frédéric JOLIOT
& Otto HAHN



SUMMER SCHOOL
ON NUCLEAR REACTORS
"Physics, Fuels and Systems"

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



LECTURERS

J. Guidez
CEA, France

S. Monti
IAEA

F. Morin
CEA, France

D. Delmastro
CNEA, Argentina

A. Schaffrath
GRS, Germany

T. Abram
UMAN, UK

E. Merle
INP Grenoble, France

V. Ignatev
Kurchatov Institute, Russia

W. Emrich Jr.
NASA, USA

J. Witter
BWXT, USA

K. Weaver
INL, USA

Y. Decarlan
CEA, France

J. L. Kloosterman
TUD, The Netherlands

X. L. Yan
JAEA, Japan

S. Hirschberg
PSI, Switzerland

PROGRAMME OUTLINE

- > 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 > 7 h
- > Nuclear Technology for Space Propulsion and Manned Space Exploration > 5 h
- > Minimum-intervention Long-life Breed-and-burn Fast Reactors > 6 h
- > Reactor Concepts for Process Heat and Power-to-gas Applications > 4 h
- > Group Reflection on Selected Topics > 6 h
- > Seminar > 2 h

Extra-curricular activities and a weekend programme will be organized.
Full registration fees including lodging and food : € 2000.
Reduced fees: € 1000 for fellowship recipients.



School jointly by CEA and KIT
For any information, visit our web site: www.fjohss.eu
or contact the FJOH school secretariat at ingeborg.schwartz@kit.edu



Application
deadline:
May 18,
2019