

PHYS-600

Frederic Joliot/Otto Hahn Summer School on nuclear reactors Physics, fuels and systems

Pautz Andreas, Various lecturers

| Cursus | Sem. | Type |
|--------|------|------|
| Energy | | Opt. |

| | |
|----------------------------|-----------|
| Language of teaching | English |
| Credits | 3 |
| Session | |
| Exam | Oral |
| Workload | 90h |
| Hours | 48 |
| Lecture | 40 |
| Practical work | 8 |
| Number of positions | |

Frequency

Every year

Remark

Next time : August 2025 - Aix-en-Provence - France

Summary

The School's aim is to address the challenges of reactor design and optimal fuel cycles, and to broaden the understanding of theory and experiments. The programme of each School session is defined by the International FJOH Scientific Board.

Content

The contents of each FJOH-SS session, while following the general objectives outlined above, vary from year to year, as does also the list of invited lecturers, each of whom is selected by the School's executive board on the basis of the person's international renown as expert on the topic addressed. Decision of the contents of each FJOH-SS session is made a year in advance at the annual meeting of the executive board.

Keywords

Fission energy, reactor physics, nuclear fuels, advanced systems, nuclear safety, fuel cycles

Learning Prerequisites

Recommended courses

Master's level degree in Physics, Chemistry, Materials, Engineering, etc., with some knowledge of nuclear energy systems

Resources

Websites

- <http://www.fjohss.eu/>