

Vorlesungsankündigung

Im Sommersemester 2019 halte ich folgende Vorlesung:

2170460

Kernkraftwerkstechnik

Ort: Geb. 50.31, Seminarraum 107

Zeit: freitags, 9.45 – 11.15 Uhr

Beginn: 26. April 2019

Gegenstand

der Vorlesung: Power plants with pressurized water reactors:

- Fuel assemblies
- Control rods and drives
- Core instrumentation
- Reactor pressure vessel and its internals

Components of the primary system

- Primary coolant pumps
- Pressurizer
- Steam generator
- Water make-up system

Secondary system:

- Turbines
- Reheater
- Feedwater system
- Cooling systems

Containment

- Containment design
- Components of safety systems
- Components of residual heat removal systems

Power plants with boiling water reactors:

- Fuel assemblies
- Control elements and drives
- Reactor pressure vessel and its internals
- Containment and components of safety systems