



Nuclear Education and Training

AREVA Nuclear
Professional School
at the
Karlsruhe Institute
of Technology



The AREVA Nuclear Professional School helps to preserve the high level competence on nuclear technology and provides an excellent education program. The combination of special lectures in nuclear sciences and engineering with AREVA's industrial experience provides best prerequisites for cutting-edge research.



"We are proud to offer a high level training program covering a huge nuclear technology scope. The partnership between AREVA and KIT perfectly combines science and industry. Together we play an active role in creating the future of nuclear energy. And our students can be a part of it."

*Prof. Andreas Class, Head of the
AREVA Nuclear Professional School*

We offer:

Training in reactor physics, thermo hydraulics, material sciences and mechanical strength, reactor design, safety systems, etc. taught by senior scientists in Nuclear Technology.

Two year advanced studies program Working in projects at the KIT institutes on

- Pressurized water reactors
- Boiling water reactors
- Innovative light water reactors

PhD positions

Research topics at the KIT on light water reactors

Duration: 3 years

Prerequisites

- Master thesis of a German University or similar degree
- Average mark: 2,0 or better

PhD students have the opportunity to attend the training courses of the AREVA Nuclear Professional School.





Karlsruhe Institute of Technology



On October 01, 2009, the Karlsruhe Institute of Technology (KIT) was founded by a merger of Forschungszentrum Karlsruhe and Universität Karlsruhe.

KIT bundles the missions of both precursory institutions: A university of the state of Baden-Wuerttemberg with teaching and research tasks and a large-scale research institution of the Helmholtz Association conducting program-oriented preminent research on behalf of the Federal Republic of Germany. Within these missions, KIT is operating along the three strategic fields of action of research, teaching, and innovation.

www.kit.edu

AREVA



AREVA supplies solutions for power generation with less carbon. Its expertise and unwavering insistence on safety, security, transparency and ethics are setting the standard, and its responsible development is anchored in a process of continuous improvement.

Ranked first in the global nuclear power industry, AREVA's unique integrated offering to utilities covers every stage of the fuel cycle, nuclear reactor design and construction, and related services. The group is also expanding its operations to renewable energies – wind, solar, bioenergy, energy storage – to be one of the leaders in this sector worldwide.

With these two major offers, AREVA's 47,000 employees are helping to supply ever safer, cleaner and more economical energy to the greatest number of people.

www.aveva.com

Scholarships for the two year advanced studies program or a PhD position, financed by the AREVA GmbH, please send your application to

T-G:
AREVA Nuclear Professional School

AREVA GmbH
Paul-Gossen-Strasse 100
91052 Erlangen, Germany
anps@areva.com

More information on the AREVA Nuclear Professional School

Prof. Dr.-Ing. habil.
Andreas G. Class

Karlsruher Institut für Technologie (KIT)
Institut für Kern- und Energietechnik (IKET)
Hermann-von-Helmholtz-Platz 1 D
76344 Eggenstein-Leopoldshafen
secretary@anps.kit.edu