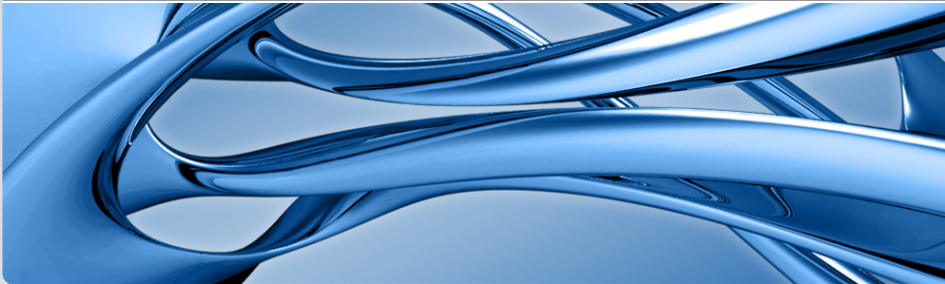


Together to the Top

KARLSRUHE INSTITUTE OF TECHNOLOGY (KIT)



Unique Cooperation

Karlsruhe Institute of Technology (KIT):

The cooperation of
Forschungszentrum Karlsruhe GmbH
and Universität Karlsruhe (TH)



Two Strong Partners

Forschungszentrum Karlsruhe:

- Programmatic research on highest international level
- One of the largest and most successful science and engineering research institutions in Europe
- Member of the Helmholtz Association of National Research Centers

Universität Karlsruhe (TH):

- Winner of the Excellence Initiative 2006 launched by the Federal Republic of Germany and the federal states
- One of the universities strongest in research worldwide
- Highest acquisition of DFG third-party funds per capita in Germany



Common Objective

Positioning as an institution of excellent research and lecturing in natural and engineering sciences on an international scale, with worldwide top scientific excellence in



■ Research



■ Teaching



■ Innovation

Competence Portfolio

Excellent research is based above all on the skills and knowledge of the scientific employees.

In KIT these scientists will work in fields of competence depending on their expert know-how. Related fields of competence are bundled in competence areas.

Fields of competence and competence areas make up the competence portfolio of KIT. It is dynamic and will develop and take up new scientific topics.



Competence Portfolio

30 Fields of Competence Bundled in 6 Areas of Competence

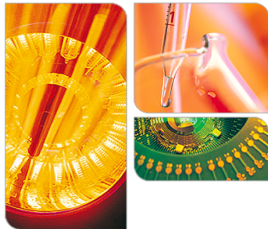
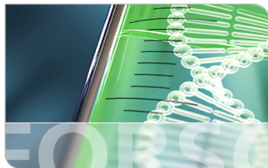
Matter and Materials	Earth and Environment	Applied Life Sciences
<ul style="list-style-type: none">■ Elementary Particle and Astroparticle Physics■ Condensed Matter■ Nanoscience■ Microtechnology■ Optics and Photonics■ Applied and New Materials	<ul style="list-style-type: none">■ Atmosphere and Climate■ Geosphere and Risk Management■ Hydrosphere and Environmental Engineering■ Constructed Facilities and Urban Infrastructure	<ul style="list-style-type: none">■ Biotechnology■ Toxicology and Food Science■ Health and Medical Engineering■ Cellular and Structural Biology
Systems and Processes		
<ul style="list-style-type: none">■ Fluid and Particle Dynamics■ Chemical and Thermal Process Engineering■ Fuels and Combustion		<ul style="list-style-type: none">■ Systems and Embedded Systems■ Power Plant Technology■ Product Life Cycle■ Mobile Systems and Mobility Engineering
Information, Communication, and Organization	Technology, Culture, and Society	
<ul style="list-style-type: none">■ Algorithm, Software, and System Engineering■ Cognition and Information Engineering■ Communication Technology■ High-Performance and Grid Computing■ Mathematical Models■ Organization and Service Engineering	<ul style="list-style-type: none">■ Cultural Heritage and Dynamics of Change■ Business Organization and Innovation■ Interaction of Science and Technology with Society	

KIT-Centers:

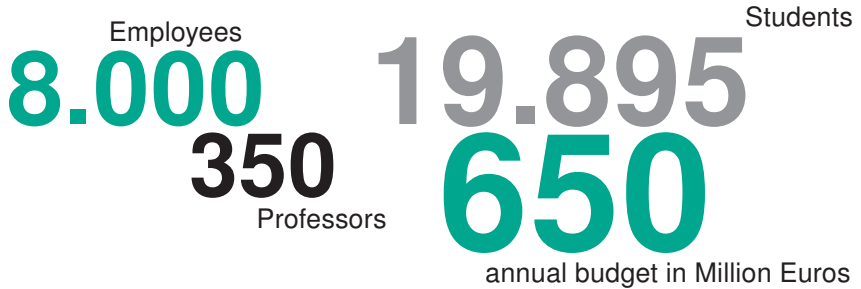
- Energy
- Nano & Micro Science and Technology
- Elementary Particle and Astroparticle Physics
- Climate and Environment

KIT-Focuses:

- COMMputation
- Mobility Systems
- Optics and Photonics
- Humans and Technology
- Applied and New Materials



Figures



Thank you for your attention.

