

***Forschungszentrum Jülich pursues cutting-edge interdisciplinary research on the pressing issues of our time and undertakes a multitude of tasks in the area of research management. It helps to solve the grand challenges facing society in the fields of energy and environment as well as information and the brain. With more than 5,700 employees, Jülich – a member of the Helmholtz Association – is one of the large interdisciplinary research centres in Europe.***

**HITEC** (Helmholtz Interdisciplinary Doctoral Training in Energy and Climate) is a graduate school for scientists and engineers who want to earn a Ph.D. in the challenging fields of energy and climate research, and is a joint initiative between Forschungszentrum Jülich, the RWTH Aachen University, the University of Bochum, the University of Cologne, the University of Düsseldorf, and the University of Wuppertal. **HITEC** offers a 3-year training programme which fosters scientific and professional qualification. **HITEC** is committed to scientific excellence, to an interdisciplinary and international research environment, to an accepting learning environment which embraces diversity, and aims to turn the Ph.D. students into well needed experts for academia and industry.

The international graduate school in Energy and Climate Research **HITEC** announces

## 7 Ph.D. fellowships

**in energy research: specifically in materials science, energy conversion, photovoltaics, plasma physics, nuclear waste management, reactor safety, modeling, numerical simulations, and in climate research: specifically in atmospheric physics and chemistry.**

For their application candidates have the choice between **22 HITEC Ph.D. projects** and **6 research fields**: for details of projects and research fields as well as the online application go to [www.hitec-graduate-school.de](http://www.hitec-graduate-school.de).

### Requirements

We are seeking highly qualified and motivated scientists and engineers. Candidates are expected to have a Master, a German "Diplom" or an equivalent degree, when they start their Ph.D. project. The specifics of the degree and the experience required are indicated for the individual projects. The integration in national and international co-operations requires the willingness to cooperate in teams. We expect that you are able to communicate your results in oral and written form in very good English.

### Selection

The best candidates will be invited to Germany for a week (18 -27 April, 2016) in order to work out the details of the project with the research group which hosts the project. Successful candidates will receive an email notification about the admission and invitation in early February. The final decision will be reached after individual presentations to the HITEC Advisory Board on 26 April. The earliest starting point will be June 2016, later starts are possible. Funding will be provided for three years. HITEC Fellows will be able to finish their Ph.D. work within these 3 years.

Forschungszentrum Jülich aims to employ more women in this area and therefore particularly welcomes applications from women.

We also welcome applications from disabled persons.

For your application please use the online recruitment system on the HITEC website [www.hitec-graduate-school.de](http://www.hitec-graduate-school.de). Please submit your application with the relevant documentation until **6 January 2016**. Only complete applications will be accepted for review.

### Contact

Dr. Bärbel Köster  
[hitec@fz-juelich.de](mailto:hitec@fz-juelich.de)

[www.hitec-graduate-school.de](http://www.hitec-graduate-school.de)  
Institute of Energy and Climate Research, IEK  
[www.fz-juelich.de](http://www.fz-juelich.de)