

## Carry out your own PhD project!

### Physics

**Experimental Physics / Quantum Optics:** Prof. Dr. Immanuel Bloch (LMU Munich)

**Astrophysics:** Prof. Dr. Eva Grebel (University of Heidelberg)

**Physical Chemistry of Microscopic Systems:** Prof. Dr. Manfred Kappes (Karlsruhe Institute of Technology)

**Optoelectronics:** Prof. Dr. Karl Leo (TU Dresden)

**Electrical and Optical Fields / Nanotechnology:** Prof. Dr. Jürg Leuthold (ETH Zurich)

**Systems Biology:** Prof. Dr. Jens Timmer (University of Freiburg)

**Experimental Solid State Physics:** Prof. Dr. Hilbert von Löhneysen (Karlsruhe Institute of Technology)

**Nanotechnology / Optics & Photonics:** Prof. Dr. Martin Wegener (Karlsruhe Institute of Technology)

At the Hector Fellow Academy you get the opportunity to **realize a self-developed research project under supervision of one of the Hector Fellows** listed above.\* The Hector Fellows are a community of outstanding professors from different research institutions across Germany. They have been honored by the Hector Foundation for their merit in research and teaching within **natural sciences, informatics, mathematics, medicine / psychology and engineering**. At the Academy they pass on their expertise to prospective young scientists.

#### Your profile

You are enthusiastic about developing and investigating an innovative research idea within the discipline of one of the Hector Fellows? You have a master's degree in a scientific or engineering subject with excellent grades? You stand out from your peers due to your strong commitment and independent work? You are team oriented and communicative? You are willing to change your place of residence to the location of the university of the supervising Hector Fellow?

#### Our offer

Our PhD students are employed as full-time research assistants at the university of the corresponding Hector Fellow for a period of three years. The salary is determined by the institute's guidelines (according to the general pay scale of German universities approx. 47,000 EUR gross income per year). In addition, Hector Fellow PhD students receive grants for research expenses (15,000 EUR per year) and are given the opportunity to gain interdisciplinary expertise and relevant soft skills by participating in selected training activities.

#### Your application

Apply with your innovative, high-quality research idea via: <https://hectorfellowacademy.applicationportal.org>.

Next application period: **August 1<sup>st</sup> - October 31<sup>st</sup>, 2016**

Further information regarding the application process and the Hector Fellow Academy is available at <http://www.hector-fellow-academy.de>.

\*or one of the other (in total 21) Hector Fellows.