

# Carry out your own PhD project!

– in Nanotechnology / Optics & Photonics –

supervised by

Prof. Martin Wegener (Karlsruhe Institute of Technology)

The Hector Fellow Academy offers you the opportunity to **realize a self-developed research project under supervision Prof. Martin Wegener**. He is one of the Hector Fellows, a community of outstanding professors from different research institutions across Germany working in **STEM-subjects, medicine, and psychology**.

His research interests are photonic crystals and artificial materials called „metamaterials“. Tailoring their "meta-atoms" in the nano- or micrometer scale makes it possible to produce completely new physical properties, which do not naturally occur. For example, his team succeeded in building cloaking devices in various physical systems.

## Your profile

You are enthusiastic about developing and investigating an innovative research idea within the [discipline of Prof. Wegener](#)

You have a master's degree in a scientific or engineering subject with excellent grades

## Our offer

- ✓ Opportunity to realize a self-developed research idea
- ✓ Mentored by an internationally renowned, top-level scientist
- ✓ Funded position (according to TV-L 13, up to 100%, based on the [funding rates](#) of the DFG for PhD students)
- ✓ Extensive research funding
- ✓ Membership in an excellent research network
- ✓ Additional management courses, trainings & networking events

## Your application

Apply until **March 31<sup>st</sup>, 2020** via our [Application Portal](#).

Further information: [www.hector-fellow-academy.de](http://www.hector-fellow-academy.de)