

Carry out your own PhD project!

– in Electrical and Optical Fields / Nanotechnology –

supervised by

Prof. Jürg Leuthold (ETH Zurich)

The Hector Fellow Academy offers you the opportunity to **realize a self-developed research project under supervision Prof. Jürg Leuthold**. 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**.

The physicist develops new concepts and methods of optical signal processing at the highest data transferring rates. His research aims, among other things, at further increasing the speed of digital data transmission to reduce energy consumption and to further miniaturize the optical components used.

Your profile

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

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 31st, 2020** via our [Application Portal](#).

Further information: www.hector-fellow-academy.de