

## Carry out your own PhD project!

– in Machine learning / Causal Inference / Statistical learning theory –  
supervised by

Prof. Bernhard Schölkopf (Max Planck Institute for Intelligent Systems Tübingen)

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

He studies the detection of regularities from observational data. He has significantly shaped the research field of machine learning with his work on kernel methods, showing that a large range of learning algorithms can be generalized to the nonlinear case and to non-vectorial data. More recently, he has combined machine learning and causal inference to develop new methods to recognize causal structures from observational data.

### Your profile

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

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)