



We are searching candidates for the following position:

Doctoral Researcher (2 positions, 3 years each)

Interested candidates should have a strong background in mathematics, computer science, operations research or a closely related subject. The positions are within a joint project of four groups at TUM (Professor Martin Bichler, Professor Christoph Knochenhauer, Professor Christian Kuehn, Professor Jingui Xie) broadly located in the topic:

Learning and Dynamics in Stochastic Multi-Agent Systems

The positions are paid at E13 75% (as is standard for similar positions in mathematics). The candidate will join the research activities of the respective groups and contribute to the development of the project. One position will be based at TUM Garching at the School of Computation Information and Technology, while the other position will be located at TUM Heilbronn at the Heilbronn Data Science Center.

Requirements:

- master-degree or equivalent (to be completed till end of 2026 at the latest)
- strong mathematical background
- good English language skills (written and oral)
- excellent grades
- programming skills

Application Materials

- CV
- transcript(s) for bachelor-/master-level studies & final high school transcript
- names and full contact addresses of at least two references
- brief statement of scientific interests / motivation

should be sent as **ONE** PDF-file to: **ckuehn@ma.tum.de**

The application deadline is:

July 31st 2026

Once the positions are filled, this will be announced on the page: **www.multiscale.systems**

Informal inquiries regarding the position should be directed to all the four professors involved in the project.