

Professorships in the field of Algorithms and Methods in
Data Science
Technical University of Munich (TUM)

Direct Link: <https://www.AcademicKeys.com/r?job=255911>

Downloaded On: Apr. 19, 2025 1:52pm

Posted Apr. 16, 2025, set to expire May 25, 2025

Job Title	Professorships in the field of Algorithms and Methods in Data Science
Department	Heilbronn Data Science Center (HDSC)
Institution	Technical University of Munich (TUM) Heilbronn, , Germany
Date Posted	Apr. 16, 2025
Application Deadline	May 25, 2025
Position Start Date	Available immediately
Job Categories	Professor Associate Professor Assistant Professor
Academic Field(s)	Computer/Information Sciences Mathematics/Applied Mathematics
Apply Online Here	https://www.recruit.tum.de/
Apply By Email	
Job Description	

The **Technical University of Munich (TUM)** is setting up an innovative **Heilbronn Data Science Center (HDSC)** at the **TUM Campus Heilbronn**. Up to three professorships in the field of **Algorithms and Methods in Data Science**, endowed by the Dieter Schwarz Foundation, are to be established. The positions are W2 fixed-term positions (6 years) with tenure track option to tenured W3 positions (Associate Professor) or tenured W3 (Associate or Full) positions, to begin as soon as possible.

The TUM herewith invites applications for professorships in the following research areas:

Professorships in the field of Algorithms and Methods in Data Science Technical University of Munich (TUM)

Direct Link: <https://www.AcademicKeys.com/r?job=255911>

Downloaded On: Apr. 19, 2025 1:52pm

Posted Apr. 16, 2025, set to expire May 25, 2025

- **Mathematical foundations of ML**
- **Explainability, trustworthiness, and robustness of ML**
- **Deep learning architectures and Generative AI**
- **Big data and cloud-based systems**
- **Human-centered data analytics and data visualization**

Scientific Environment

The professorships will be assigned to the TUM School of Computation, Information & Technology, Department of Computer Science, located at the TUM Campus Heilbronn and affiliated with the HDSC.

The Heilbronn region is a strong and successful high-tech region in Europe with many cooperation opportunities and various educational institutions. In particular, the Innovation Park Artificial Intelligence (IPAI) constitutes a unique innovation platform out of Heilbronn. The HDSC is intended to act as a thematic link between various disciplines – especially Computer Science and Management – to achieve advances in Data Science.

Responsibilities

The responsibilities include research and teaching in the university's bachelor and master programs, as well as the promotion of early-career scientists. Teaching responsibilities include contributing to the "Information Engineering" study programs at the TUM Campus Heilbronn. Participation in the conception and development of possibly further study programs is desired.

Qualifications

We are looking for candidates who have demonstrated excellent achievements in research and teaching in an internationally recognized scientific environment, relative to the relevant career level (please see www.tum.de/en/faculty-recruiting-faq/ for further information).

A university degree and an outstanding doctoral degree or equivalent scientific qualification, as well as pedagogical aptitude, are prerequisites. Substantial research experience abroad is expected.

Our Offer

Based on the best international standards and transparent performance criteria, TUM offers a merit-based academic career path for tenure track faculty from Assistant Professor through a permanent position as Associate Professor, and on to Full Professor. The regulations of the TUM Faculty Recruitment and Career System apply. TUM provides excellent working conditions in a lively scientific

Professorships in the field of Algorithms and Methods in
Data Science
Technical University of Munich (TUM)

Direct Link: <https://www.AcademicKeys.com/r?job=255911>

Downloaded On: Apr. 19, 2025 1:52pm

Posted Apr. 16, 2025, set to expire May 25, 2025

community, embedded in the vibrant research environment of the TUM Campus Heilbronn. The TUM environment is multicultural, with English serving as a common interface for scientific interaction. TUM offers attractive and performance-based salary conditions and social benefits.

The TUM Munich Dual Career Office (MDCO) provides tailored career consulting to the partners of newly appointed professors. The MDCO assists in the relocation and integration of new professors, their partners, and accompanying family members.

Your Application

TUM is an equal-opportunity employer and explicitly encourages applications from women. The positions are suitable for persons with disability. Applicants with a disability will be given preference in case of generally equivalent suitability, aptitude, and professional performance.

Application documents should be submitted in accordance with TUM's application guidelines for professors. These guidelines and detailed information about the TUM Faculty Recruitment and Career System are available at www.tum.de/faculty-recruiting. Here you will also find TUM's information on collecting and processing personal data as part of the application process.

Please note that it is necessary to indicate your research area (analogous as listed in this call) in the application.

Please submit your application no later than **25 May 2025** via the TUM recruitment portal: www.recruit.tum.de.

Contact Information

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

Contact

Germany