



The Faculty of Mathematics and Computer Science of the University of Würzburg has an open tenured position in the Institute of Computer Science starting at the earliest possible date:

University Professorship (grade W3) for Robotics

The future chairholder is expected to represent the field of robotics in research and teaching, with a focus on autonomy and precise 3D environment detection using laser scanners and photogrammetric methods.

Proficiencies of robotic land vehicles, underwater vehicles, drones, and planetary exploration are expected. Furthermore, successful acquisition of third-party funded projects (DFG, BMBF, BMWI and EU), especially ESA projects, is expected. Cooperation with the existing research groups in aerospace computer science at the University of Würzburg is also expected.

The main focus of the professorship will be on the following topics:

- autonomous mobile robots
- autonomous driving and environment perception of mobile vehicles
- human-robot collaboration in terms of telematic solutions
- SLAM and calibration methods
- benchmarking for mobile robots
- geomatics for mobile robots
- inspection robotics for large structures
- Safety Security and Rescue Robotics
- 3D point cloud processing

Furthermore, the willingness to strengthen the Institute of Computer Science in the area of OpenSource and spin-offs is expected.

Teaching duties include offerings for the modularized courses of study represented at the University of Würzburg at the Institute of Computer Science, in particular Aerospace Computer Science and Computer Science.

Requirements are a corresponding completed university education, pedagogical qualification, the particular competence for scientific work generally proved by the quality of a PhD or a doctoral degree, and a habilitation or an equivalent record of relevant scientific achievements in the area of robotics is expected, which can also be provided by a junior professorship or from outside of academia.

An appointment as a civil servant according to Art. 10 para. 3 BayHSchPG can only happen up to the age of 52 years. Exceptions are possible in urgent cases.

The University of Würzburg has a strong emphasis on the supervision of students and doctoral candidates and expects their teaching staff to be committed to this goal.

The University of Würzburg seeks to increase the share of women in research and teaching and explicitly asks potential qualified female candidates to apply.

Disabled persons will be favored in case of essentially equal qualifications.

Applications are to be submitted to w3-robo@informatik.uni-wuerzburg.de by 31 October 2021. The usual documents are required (CV, certificates, list of publications, single-page research concept, single-page teaching concept, list of courses, teaching evaluations) as well as the three most relevant own publications for the subject area of the professorship as a pdf file. Furthermore, a completed application form is required as a separate xlsx file (go.uni-wue.de/registration-form-2021-10).



For further information on the advertised professorship, please contact:

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