The Faculty of Mathematics and Computer Science at the Julius Maximilian University of Würzburg has a vacancy in the Institute for Computer Science for a

University Professorship
for Space Informatics and Satellite Systems

to be filled as soon as possible.

Depending on the qualifications of the applicant, the position will be filled in grade W3 for life, or in grade W2 for a fixed term of 6 years with a tenure-track option to a university professorship in grade W3 for life. In the case of filling the position in grade W2 with tenure-track option, tenure and appointment as a university professor in grade W3 in a civil servant position for life shall only be granted if the university professor has proven him/herself in accordance with the requirements of the university's internal quality assurance concept. The tenure-track procedure can be started at the earliest after a period of employment of two years and six months as a university professor.

The applicant must represent the subject of space informatics in research and teaching and should be involved in research on satellite systems. Our goal is to further expand the outstanding position of Würzburg's space ecosystem of research institutes, start-ups and the university in the "New Space" sector and this position should make a significant contribution to this. A high-calibre scientific personality is to be recruited and the third-party funding potential of the faculty is to be strengthened. The content of the position should focus on one or more of the following areas and ideally complement the existing competencies here:

- Satellite design and realisation, especially small satellites
- Satellite constellations, formations and swarms
- Attitude and orbit control systems
- Docking and grappling systems in orbit

Experience in interdisciplinary as well as international research cooperation is expected. In the Würzburg area, the Center for Artificial Intelligence and Data Science (CAIDAS) and the independent research institute Zentrum für Telematik offer good opportunities for joint research work. The teaching assignments include courses for the Bachelor's and Master's degree programmes conducted at the Institute of Computer Science at the University of Würzburg, especially in the fields of aerospace informatics and satellite technology. The courses in the Master's programmes are mainly taught in English. In particular, leadership tasks are to be taken on at the English-language Master's programme Satellite Technology.

Requirements for appointment are a relevant university degree, pedagogical aptitude, special aptitude for scientific work, which is usually demonstrated by the quality of a doctorate, as well as additional scientific achievements as detailed in Art. 57 para. 1 sentences 3 and 4 BayHIG. The additional academic achievements should have been made in the field of Computer Science.

In addition, success in national or international third-party funding, extensive publication activities and embedding in an international research environment are expected for the W 3 tenured professorship career path.

Pursuant to Art. 60 Para. 3 BayHIG, an appointment to civil service can only be made up to the age of 52. Exceptions are possible in urgent cases.

The University of Würzburg aims to increase the proportion of women in research and teaching and therefore expressly invites applications from suitably qualified female academics.

Severely disabled applicants will be given preference in the case of otherwise essentially equal suitability.

Applications are to be submitted by e-mail to w3-satsys@informatik.uni-wuerzburg.de by **4 June 23**.

The usual documents are required (curriculum vitae, certificates, list of publications, of courses, teaching evaluations) as a pdf file. Furthermore, a completed application form is required as a separate xslx file (go.uniwue.de/2023-04-registration-form-ot).

To learn more about professorships in Germany (Bavaria), please visit:
https://www.research-in-bavaria.de/de/how-to-become-a-professor,

especially the section about professor appointments:
https://www.research-in-bavaria.de/de/how-to-become-a-professor#c734

For further information on the advertised professorship, please contact:

Prof. Dr. Andreas Nüchter
Chair for Computer Science XVII (Robotics)
E-Mail: andreas.nuechter@uni-wuerzburg.de