



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

## University Professorship (W2) for Sensors and Embedded Systems for Earth Observation

The applicant should have outstanding credentials in the areas of sensors and embedded systems, particularly for earth observation, and be space-related. The research area should address several of the following:

- Remote sensing using satellites to observe environment, climate, ecosystems.
- Sensor technology for remote sensing, algorithms of sensor technology and sensor networks with satellites for environmental observation
- Automated analysis of satellite remote sensing data, optical imaging techniques, multi-sensor satellite remote sensing e.g. for environmental observation
- Embedded control and visual servoing
- Multi-sensor space systems for large-scale environmental monitoring
- Environmental monitoring by means of "Internet of Space (IoS)"

In addition to software aspects, hardware experience is also desired, especially in the field of embedded systems. Participation in the Würzburg activities for the construction of miniature satellites should also be possible. Tasks include the implementation and organisation of courses in the aerospace computer science degree programmes ([go.uni-wue.de/luri](https://go.uni-wue.de/luri)) of the University of Würzburg as well as in the Bachelor's degree programme "Computer Science and Sustainability" ([go.uni-wue.de/informatik-nachhaltigkeit](https://go.uni-wue.de/informatik-nachhaltigkeit)). In particular, courses in English are to be included in the international Master's programmes in the field of aerospace computer science.

Requirements are a completed university education, pedagogical qualification, the particular competence for scientific work generally proved by a Ph.D. or a doctoral degree, and a habilitation or an equivalent record of relevant scientific achievements in the area of sensors and embedded systems for earth observation, 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.

Please submit your applications by e-mail by **31 March 2021** ([w2-ses@informatik.uni-wuerzburg.de](mailto:w2-ses@informatik.uni-wuerzburg.de)). The usual documents (curriculum vitae, certificates, records, list of publications, list of courses, teaching evaluations) are required as a single pdf file. It is requested to fill in a capture sheet (see [go.uni-wue.de/registration-form-2021](https://go.uni-wue.de/registration-form-2021)) and attach it to the e-mail.



For further information on the advertised professorship, please contact:

**Prof. Dr. Sergio Montenegro**

Chair for Computer Science VIII (Aerospace Information Technology)

Phone.: +49 931 31 83715

E-Mail: [montenegro@informatik.uni-wuerzburg.de](mailto:montenegro@informatik.uni-wuerzburg.de)