

At the Chair of Communication Networks from the Bundeswehr University Munich (UniBW) offer a position as

Member of the research and teaching staff with the possibility to obtain a PhD

in the area of

Reliable Optical Access Networks

In particular, in a planned research project funded by the BMBF, the following topics are going to be addressed

- Propose accurate and consistent models for evaluating the impact of dependency, component reliability and failure scenarios on the service and connection availability.
- Implement and evaluate fast, efficient and accurate failure detection and reaction mechanisms.
- Design, implement and evaluate attack prevention and mitigation schemes in optical access networks.

The successful applicant is expected to participate actively in research and teaching activities of the chair. The chair offers a team-oriented, motivating work atmosphere, allowing concentrating on challenging research questions.

The positions are based on full-time work contracts limited to three years initially. Remuneration is according to the *Tarifvertrag für den Öffentlichen Dienst* (TVöD).

Applicants should have an excellent Master of Science degree in Electrical Engineering, Computer Engineering or Informatics and they should have a solid knowledge in the area of communication networks suitable to start research in the above areas.

The candidates are expected to have very good communication skills in English and possibly in German as well as solid programming skills. Enthusiasm, the desire for obtaining a PhD degree, creativity and team-orientation are essential.

As part of the Excellence Initiative of the German federal and state governments, UniBW has been pursuing the strategic goal of substantially increasing the diversity of its faculty. As an equal opportunity and affirmative action employer, UniBW explicitly encourages nominations of and applications from women as well as from all others who would bring additional diversity dimensions to the university's research and teaching strategies. Preference will be given to disabled candidates with essentially the same qualifications.

Interested candidates are asked to send their complete application documents (application letter, CV, summary of master thesis, certificates, list of publications, references) referring to this job offer in electronic form to the following email address: cmas@unibw.de with the subject "Access PhD position"