

University of Augsburg
Faculty of Mathematics, Natural Sciences, and Materials Engineering

The Faculty of Mathematics, Natural Sciences, and Materials Engineering of the University of Augsburg seeks to fill a

**Professor Position (Salary Scale W2, tenured) for
Biology with a Focus on Theoretical Bioanalytics**

at the earliest possible date.

We are looking for an outstanding life scientist with excellent research achievements in the field of theoretical simulations of intermolecular interactions of (macro-)molecules and molecular assemblies with relevance to biological function or environmental analysis. The candidate is expected to work on multiscale models, which can be applied for instance to understand the function of biosensors. The candidate shall dispose of a broad spectrum of methods, including force-field, coarse-grain and finite-element methods.

In collaboration with a simultaneously advertised experimental professorship, the candidate shall advance the field of biosensors, leading to possible applications in medicine or environmental analysis. The University of Augsburg offers an excellent interdisciplinary environment for this professorship at the interface of science, engineering and medicine.

Links to existing groups within the Faculty of Mathematics, Natural Sciences, and Materials Engineering and the Faculty of Medicine at the University of Augsburg as well as an active acquisition of third-party funding are expected.

Professional duties of this professorship include an appropriate participation in student education (Bachelor and Master of Physics and Materials Science as well as Biology for teachers) at the Faculty of Mathematics, Natural Sciences, and Materials Engineering.

Further details can be found in the German version of this announcement (see the link below), which is the legally binding one.

For general questions concerning this job announcement or your application, please contact Prof. Dr. Fabian Pauly (fabian.pauly@physik.uni-augsburg.de).

Applications with the usual documents (description of ongoing and planned research projects, CV including scientific career, list of publications, list of acquired third-party funds, teaching achievements, relevant certificates such as PhD certificates, reprints of the five most important publications) shall be sent by

2 November 2020

in electronic form to the Dean of the Faculty of Mathematics, Natural Sciences, and Materials Engineering, Universität Augsburg, 86135 Augsburg. Please use a single PDF file (max. 8 MB) and address it to Bewerbung-TheoBio@physik.uni-augsburg.de.

Legally binding German version of this announcement:

<https://www.uni-augsburg.de/en/jobs-und-karriere/stellenangebote/2020/09/16/2789/>