

Job advertisement

Closing date: 23 September 2019



FRIEDRICH-SCHILLER-
UNIVERSITÄT
JENA

The Faculty of Biological Sciences at the Friedrich Schiller University Jena, Germany, invites applications for a professorship:

Full Professor (W3) Theoretical Microbial Ecology

The successful candidate will be appointed as professor at the Friedrich Schiller University Jena. The professorship is part of the new Cluster of Excellence *Balance of the Microverse* (www.microverse-cluster.de). *Balance of the Microverse* combines expertises in life, optical, material and computational sciences to elevate microbiome studies from descriptive to hypothesis-driven and functional analyses. Members of the Cluster will benefit from an interdisciplinary imaging facility, data analysis support and our affiliated early career researchers program of the *Jena School for Microbial Communication*.

Candidates with an excellent publication record and broad experience in theoretical ecology with focus on microbiology, systems biology theory development, bioinformatics and/or modelling are encouraged to apply. The concerted efforts in the Cluster generate a diversity of genetic, metabolic and imaging data from microbial consortia in various habitats. Theory building and data synthesis will form a central and unifying aspect of this multidisciplinary approach. The successful candidate will be expected to develop overarching theoretical and conceptual principles, and new data analysis tools for extracting fundamental and recurring patterns and commonalities of the recruitment, maintenance and functionality of microbial consortia. The position further involves teaching in relevant degree programs. The acquisition of third-party funding and leadership skills are expected.

Conditions of employment include Habilitation or an equivalent scientific qualification as well as didactic suitability. If the successful candidate meets the legal requirements, he or she will be appointed as civil servant permanently.

Jena has a strong community in microbiology, chemical biology, infection biology, biogeosciences, optics/photonics, materials science and bioinformatics/systems biology at the university and non-university research institutes. Jena provides an attractive research environment with a highly integrative network of natural and life science groups, including close collaboration with biotech companies. The new professor is expected to extend and intensify these collaborations.

The Friedrich Schiller University Jena is committed to increasing the number of women in research and teaching. Therefore, the University actively encourages qualified female scientists to apply. Applicants with disabilities will be given preference to other candidates with equal qualifications.

For further information, please contact Prof. Marc Thilo Figge (thilo.figge@leibniz-hki.de).

Applications preferably in English should comprise the usual documents (cover letter, detailed curriculum vitae, copies of academic certificates, a description of teaching experience with evaluation results, a list of publications with selected reprints, a list of



successful grant applications, research agenda). Please submit your application as a single PDF document via email attachment until **23 September 2019** to:

Friedrich-Schiller-Universität Jena
Dekan der Fakultät für Biowissenschaften
dekanbio@uni-jena.de