

Ph.D. Student / Junior Researcher

Economics of Technology in Agriculture and Food Supply

The initial appointment will be **2 years** with the possibility of extension. Salary is in accordance with the German State Regulated Public Salary Scale (TV-L E13 2/3).

Tasks

The successful candidate will conduct cutting-edge research in economics of technology and/or production and resource economics leading to a competitive PhD degree and internationally peer-reviewed publications. The interdisciplinary research will predominantly focus on the role of new technology in improving sustainability outcomes in agriculture and food supply, in particular with respect to occupational health and working conditions in agricultural production and supply. This includes participation in the newly established Horizon Europe project "AGRO-WELL", a large collaborative project covering about 10 different European stakeholders (i.e., universities, institutes and companies). He/she will receive high quality supervision from the chair's senior academic staff and might be involved in teaching at under/postgraduate level as well as funding acquisition and outreach, if desired. International networking and collaborations are regarded as an integral part of the PhD research experience and are explicitly encouraged. The PhD process will be accompanied by integration into TUM's School of Life Sciences and/or School of Management and participation in the related Graduate School.

Qualifications

The applicants should possess:

- an excellent or very-good university degree in economics, agricultural sciences with a focus in economics and/or digital technologies / smart solutions etc., or related disciplines
- strong analytical and methodological skills with a focus on quantitative data analysis (e.g., data analysis, statistics, machine learning)
- interest in applied economic problems (e.g., natural resources, food system, bio- and circular economic issues, technology and innovation)
- a high motivation and the ability to work independently with a strong team orientation
- excellent spoken and written **English** and the will to acquire a certain working language of German.

We offer

The Technical University of Munich as one of the most renowned universities in Europe and long-standing member of the German "Initiative of Excellence" offers state-of-the-art research in a diverse and impact-oriented atmosphere. The Chair Group of Production and Resource Economics offers a highly international and stimulating work environment that promotes individual creativity and effective teamwork with a clear focus on quality output. More information about the group is available at www.ep.mgt.tum.de/pur

Application

Please send a cover letter that explains how this position fits with your experiences and goals, your curriculum vitae, a list of references and copies of key documents (transcripts, degree certificates) in a single PDF to the head of the Chair group, Professor Johannes Sauer (jo.sauer@tum.de) **by the 20th of September 2024**. For additional information on the projects and the position, please contact Maria Vrachioli, Ph.D. (maria.vrachioli@tum.de) or Dr. Fabian Frick (fabian.frick@tum.de).

As part of the Excellence Initiative of the German federal and state governments, TUM has been pursuing the strategic goal of substantially increasing the diversity of its staff. As an equal opportunity and affirmative action employer, TUM 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.

Technical University of Munich

Chair Group of Production and Resource Economics

Alte Akademie 14

85354 Freising-Weihenstephan

Phone: 0049 - (0)8161 - 71 3412