

From 01 January 2020 onwards, the Economic Modelling of Agricultural Systems Group at the Institute of Food and Resource Economics seeks to employ for up to 4 years

1 Junior Researcher (PhD candidate)

The successful candidate will be employed as a researcher involved in the “Cluster of Excellence” “PhenoRob: Robotics and Phenotyping for Sustainable Crop Production” (<http://www.phenorob.de/>) funded by the Deutsche Forschungsgemeinschaft. We are recruiting a promising PhD candidate interested in contributing to the core project “Technology Adoption and Impact at the Farm and Landscape Scale”.

Your tasks:	<ul style="list-style-type: none"> • Systematically collecting data on existing and emerging PhenoRob technologies in German crop production • Extending the bio-economic farm-scale model “FarmDyn” based on the collected data on PhenoRob technologies • Assessing the impact of PhenoRob technologies by simulations across farm samples with “FarmDyn” with regard to various sustainability indicators • Publishing your results in peer reviewed journals and presenting them at conferences • Collaborating on joint research with colleagues involved in the core project • Constructively interacting with other researchers involved in PhenoRob in general
Your profile:	<ul style="list-style-type: none"> • A master degree in agricultural economics or related fields • Knowledge in an Algebraic Modelling Language such as GAMS, in (crop) production economics and ideally in computational optimization • An interest in interdisciplinary and collaborative research
We offer:	<ul style="list-style-type: none"> • Doing your research as a member of the PhenoRob Cluster of Excellence • The opportunity of conducting research towards a PhD and of receiving the support necessary to do this successfully • Enrolment in the Theodor Brinkmann Graduate School of the Agricultural Faculty • An open, stimulating work environment in a group with other researchers working with “FarmDyn” • 65% TVL E13 on the salary scale

Applicants please submit

1. A letter of motivation (max. 1 page)
2. A curriculum vitae
3. A copy of your master diploma and related transcripts
4. The name and contact of two reference persons (position, professional address and e-mail).

The University of Bonn is committed to diversity and equal opportunity. It is certified as a family-friendly university and aims to increase the number of women employed in areas where women are under-represented and to promote their careers. To that end, it urges women with qualifications to apply. Applications will be handled in accordance with the Landesgleichstellungsgesetz (State Equality Act). Applications from suitable candidates with a certified disability or equivalent status are particularly welcome.

If you are interested in this position, please send your complete application documents by September 15, 2019 to wolfgang.britz@ilr.uni-bonn.de. Before sending your application, please combine and convert all of your documents into one PDF file. For further information, please contact Wolfgang Britz.