

The Rheinische Friedrich-Wilhelms-Universität Bonn is an international research university that offers a wide range of degree programs. With 200 years of history, about 38,000 students, over 6,000 employees, and an excellent domestic and international reputation, Bonn University is among Germany's leading universities.

Starting, January 1, 2020, the group Economic and Agricultural Policy at the Institute of Food and Resource Economics of the University of Bonn recruits a

**Postdoctoral Researcher
(100%, 5 years with possibility of tenure)**

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. Specifically, the research will contribute to the core project "Technology Adoption and Impact at the Farm and Landscape Scale".

The core project responds to the following challenge formulated in the PhenoRob cluster description: "How to design the process of upscaling the innovations, to ease technology transfer as well as compatibility to current crop farming and to obtain information on how the new technology will change crop farming systems, landscape, and markets". With a variety of empirical and modelling approaches, the core project aims to understand PhenoRob technology diffusion and impacts capturing dynamic feedbacks between crop management, human decision making, ecosystem functions and factor as well as service markets. This requires improving our understanding of: (1) the spatial and temporal dynamics of adoption and diffusion of phenotyping and robotics-based production technologies and (2) pathways of socio-economic and environmental impacts at farm and landscape scale.

Your tasks:	<ul style="list-style-type: none"> • Developing your own research program related to farm and landscape scale impacts of advanced crop production technologies • Coordinating research activities in the core project jointly with the principle investigators • Communicating and collaborating with researchers in the other core projects in PhenoRob • Co-supervising doctoral researchers in the core-project • Teaching of 4 weekly hours per year at master or PhD-level • Publishing in internationally leading disciplinary and multidisciplinary journals • Grant writing for research complementary to current PhenoRob activities
Your profile:	<ul style="list-style-type: none"> • A doctoral degree in Agricultural Economics or related field in economics • An internationally relevant publication record corresponding to state of career • An interest in interdisciplinary and collaborative research • Methodological competence in either econometrics/data science or agent-based-modelling for economic analysis
We offer:	<ul style="list-style-type: none"> • Membership in the PhenoRob Cluster of Excellence • Opportunity of conducting research qualifying for a permanent academic position and of receiving the support necessary to do this successfully • Possibility of a tenured Postdoctoral position after 5 years and a successful evaluation based on an individual target agreement • An advanced training program that will give you a competitive advantage for a permanent position and help you balance work and family life • Mentoring by two experienced professors from the Cluster of Excellence • Institutional support for applicants with families and for women. • An open, stimulating work environment in a group with other researchers specialising in quantitative sectoral and policy analysis • TVL E 13 on the salary scale

Applicants please submit

1. A **letter of motivation** including your specific research interest (max. 2 pages)
2. A **curriculum vitae** including a list of publications
3. A copy of your **doctoral diploma**
4. The **name and contact of two referees** (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 agpo@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 Thomas Heckeley (thomas.heckelei@ilr.uni-bonn.de).