

IPK Gatersleben is a large, internationally recognized centre of plant research that addresses problems of modern biology with an emphasis on crop plants. Our scientific expertise integrates a broad diversity of disciplines to elucidate the mechanisms underlying processes of plant development, metabolism, and interactions with the environment. Our research aims at the generation of fundamental knowledge and the development of genetic and biotechnological tools to spur the knowledge-based use of plant-genetic resources to optimize a variety of crop traits. Frequently, this involves co-operation with various national and international universities as well as public-private partnerships.

For the Department of Molecular Genetics we look for a

Research Group Leader (f/m) *Image Analysis*

The position is open immediately and is initially available for up to five years (employment is valid in compliance with the provisions of the law WissZeitVG). After this period and positive evaluation, a permanent position will be offered.

Within the research focus areas of the Molecular Genetics Department, vegetative growth and seed formation, the research group *Image Analysis* develops procedures and implements analysis pipelines for automated processing of 2D and 3D plant images acquired through the use of the high throughput platforms of the institute. The primary image data are collected using various devices and sensors installed in the established and further expanded plant phenotyping facilities. Their individual and integrated analysis (including pre- and post-processing) is performed to derive information on features of plant growth, development, and function. The group is involved in collaborative large-scale investigations of plant performance in varying environmental conditions and towards linking genetic with phenotypic variation.

Your tasks:

As research group leader you carry out independent and internationally highly visible research within the frame of the goals of IPK and the Department Molecular Genetics. You instruct and guide the members of your group and you raise third party research funding. In addition, you are involved in and support institute- and department-wide research initiatives.

Your qualification:

You hold a PhD in bioinformatics or any related area in computer science (e.g. visual computing) or a PhD in plant biology and you have a good reputation in this field of research gained through own high-ranking work. Detailed expertise and practical experience in image analysis will be necessary and knowledge in the area of databases, programming, statistics, plant molecular or developmental biology will be advantageous. Competence in co-worker supervision, in interdisciplinary interaction and co-operation as well as fund-raising ability will be expected.

If you need further information feel free to contact Prof. Dr. Thomas Altmann. You reach him under altmann@ipk-gatersleben.de or phone +49 (0)39482 5 214.

IPK is an equal opportunities employer. Handicapped persons will be preferred when equally qualified. Gross salary will be up to 100% E14 TV-L.

Your application:

Please send your application (incl. CV, a statement on research experience and intended future work and at least two references) until **12.10.2015** to Ms. Gläser citing the **reference number 29/09/15**. Please contact her also for questions regarding the application and selection procedure.

Leibniz Institute of Plant Genetics and Crop Plant Research (IPK)

Ms. Gläser

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