



Conserving – Exploring - Exploiting

The [IPK](#) is one of the world's leading international institutions in the field of plant genetics and crop science. Its research program and services contribute significantly to conserving, exploring and exploiting crop diversity. Its research goals are driven by the need to ensure an efficient and sustainable supply of food, energy and raw materials, thereby addressing a major global ecological challenge.

Postdoctoral Researcher (m/w/d) in Image Analysis

The [Image Analysis group](#) of the [Molecular Genetics department](#) at IPK Gatersleben deals with the development of computational tools for derivation of quantitative traits of crop plants from multimodal and multidimensional image data acquired in high-throughput with multispectral 2D and 3D camera systems. To support our team, we are currently looking for a qualified researcher (Postdoc).

Your tasks:

- You will develop software solutions for processing and analysis of multimodal and multidimensional image data from high-throughput plant phenotyping experiments.
- You will communicate with internal and external cooperation partners.
- You will present results at scientific meetings and write journal articles.

You fit to us:

- You are a passionate software developer.
- You like to work in a team and to reach goals together.
- You like to work in an interdisciplinary environment on the boundary between computer and biological sciences.

Your qualifications and skills:

- You have a degree in informatics, mathematics, physics or similar educational background.
- You have profound programming skills in MATLAB and shell scripting.
- You have experience in development of complex pipelines for analysis of large scientific datasets, e.g. signal/image processing, computer vision, spatial-temporal modeling and/or machine learning applications.
- Previous experience in plant image analysis or modelling is a plus.

We offer you:

- The opportunity to work in a world-class research centre with state-of-the-art facilities and scientists from all over the world.
- A friendly and productive working atmosphere.
- A position, starting immediately, limited for 1 year (with the possibility of extension upon positive evaluation) and with a gross salary up to 100 % E13 TV-L.

If you need further information, feel free to contact **Dr. Evgeny Gladilin** (gladilin@ipk-gatersleben.de).

What you need to know:

For us, your qualifications and strengths count. Therefore, everyone - independent from gender, origin, age, or possible disability - is welcome. The IPK is striving to increase the proportion of women in sectors where they are underrepresented and therefore explicitly encourages qualified women to apply. As an institution which has been awarded the Certificate for Career and Family ("berufundfamilie"), we offer family-friendly working conditions and flexible working hours. The IPK has set a goal to employ more people with disabilities. Qualified applicants with a disability will be given preference.

Your application:

We are looking forward to receive your complete [online-application](http://www.ipk-gatersleben.de/en/job-offers/) (<http://www.ipk-gatersleben.de/en/job-offers/>). If you have questions or require more information, please do contact Ms Jacobi (jobs@ipk-gatersleben.de). Please indicate the reference number **77/11/18** in your correspondence.