
Distinguished Postdoctoral Fellowship at Zhejiang University

AgroOptics and Imaging Lab at Zhejiang University in Hangzhou, China, is seeking a postdoctoral researcher to work in an interdisciplinary area on developing high-throughput whole-plant phenotyping strategies for supporting plant breeding. The successful candidate will contribute to advanced modeling and algorithms for processing phenotypic data acquired from a greenhouse phenotyping system with various optical imaging sensors from plant seedling to harvest. Phenotypic data processing will be further improved by considering different climate scenarios and management practices.

The postdoctoral researcher will be supervised by Prof. Haiyan Cen through College of Biosystems Engineering and Food Science at Zhejiang University. Scientists with experience in plant phenotyping, remote sensing, machine learning, and software development are encouraged to apply. A Ph.D. degree in a discipline such as computer science, electrical engineering, optical engineering, agricultural engineering or plant science is required. The initial appointment is for two years, and may be extended for up to four additional years. Annual salary depends on qualification, and has a chance to apply for the position of the Hundred Talents Program Fellowship at ZJU after finishing the postdoc fellowship.

The position is available immediately and will remain open until filled. Please send an email with a brief introduction of the research background, curriculum vitae, and contact info for three references to **Prof. Haiyan Cen** (hycen@zju.edu.cn). Successful candidates will be contacted via email.

Zhejiang University was found in 1897, and is one of the China's most prestigious universities. Check our website for further details <http://www.zju.edu.cn/english/>. We offer competitive fellowships, salaries and benefits for the Postdoctoral position.

Research Areas:

- Image processing, machine learning, deep learning, and statistics for spectral and image data
- 3D point cloud processing
- RGB and multi/hyperspectral imaging
- Software development

Qualifications:

- Strong ability to conduct high-quality independent research
- Hands-on research experience in one of the above areas
- Solid programming skills
- Excellent track record in research publication