Distinguished Postdoctoral Fellowship at Zhejiang University

AgroOptics and Imaging Lab (https://person.zju.edu.cn/chy) at Zhejiang University in Hangzhou, China, is seeking two postdoctoral researchers to work in an interdisciplinary area on developing multiscale high-throughput plant phenotyping strategies targeting different scenarios to support crop breeding and precision farming. The successful candidates will contribute to improving data processing workflows based on proximal sensing, establish high-throughput plant phenotyping and trait extraction pipelines, and evaluate such techniques in real applications.

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.

Two Positions：
- Position 1: UAV remote sensing for crop breeding and precision farming with the main focus on developing algorithms on image processing and multi-source data fusion.
- Position 2: High-throughput plant phenotyping for crops in greenhouse with the main focus on plant 3D point clouds reconstruction and phenotypic database 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