

Workshop on Reproducibility in Plant Science

Rigor and reproducibility are the core of modern science and set apart scientific inquiry from pseudoscience. Many researchers have never received formal training on how to work in a way that enables reproducibility for themselves and other researchers.

This workshop will introduce reproducible workflows and a range of tools for plant biologists and everybody interested in working more reproducibly along the themes of organization, documentation, analysis and dissemination. After a brief introduction to the topic of reproducibility, the workshop will provide specific tips useful in improving daily research workflows: content includes modules on data management, reproducible protocols and methods, data and reagent sharing, reproducible bioinformatics tools and methods, data visualization and working with images.

We will work through some use cases to directly apply reproducible practices you learned and discuss challenges in your work. All workshop materials will be available in digital form after the workshop to share with interested colleagues as well.

Workshop language of all materials is English, the trainer can switch to German if necessary.

Trainer:

Dr. Susann Auer

Trainer for Reproducible Research

TU Dresden

Department of Plant Physiology, R. 239

Zellescher Weg 20 b, 01217 Dresden, Germany

Tel. +49 351 463 31989

Registration: info@pflanzenchutztagung.de