

# INTERNATIONAL WORKSHOP - CONTROLLED ENVIRONMENT PHENOTYPING

## A WOMEN IN SCIENCE EVENT

**April 8, 2019** | ISU Curtiss Hall | 0013 Brenton Center

Sponsored by the ISU College of Agriculture and Life Sciences

### SPEAKERS



Bettina Berger, Scientific Director The Plant Accelerator  
Australian Plant Phenomics Facility  
University of Adelaide, Australia

*High-throughput phenotyping to dissect complex traits in cereals*



Carolyn Lawrence-Dill, Associate Professor  
Department of Genetics, Development and Cell Biology  
Iowa State University, USA

*Enviratron Overview*



Marna Yandea-Nelson, Assistant Professor  
Department of Genetics, Development and Cell Biology  
Iowa State University, USA

*Example use case for Enviratron:  
Effects of abiotic stress on the plant cell wall and cuticle*



Astrid Junker; Group Leader,  
Acclimation Dynamics and Phenotyping  
IPK, Gatersleben, Germany

*Automated controlled environment phenotyping:  
application to plant acclimation capacity*

### SCHEDULE

- 8:45** Welcome Carolyn Lawrence-Dill
- 9:00** Bettina Berger
- 10:00** Carolyn Lawrence-Dill
- 10:15** Marna Yandea-Nelson
- 10:30** Break
- 10:45** Astrid Junker
- 11:45** Lunch and panel discussion
- 1:30** Enviratron tour (optional)

For additional information &  
registration, please visit:

[enviratron.iastate.edu](http://enviratron.iastate.edu)

#### Tour details:

The Enviratron is located on the grounds of the  
Ag Engineering and Agronomy Research Farm  
1308 U Ave, Boone, IA 50036

<http://bit.ly/enviratron> or scan this QR code:



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