

Session Program

Aug 5 - 7, 2026



Synchrotron X-rays for Metals in Plants, Soils, and Environmental Systems: Early Science and Community Building at XLEAP

Plants under stimuli (environmental stress, nanoparticles, pathogens)

Cornell University, Bradfield 101
306 Tower Road, Ithaca, NY 14853, USA Cornell University College of Agriculture and Life Sciences

Thu, August 6

9:15 AM

Plants under stimuli (environmental stress, nanoparticles, pathogens)

Session |**Location:** Cornell University, Bradfield 101, 306 Tower Road, Ithaca, NY 14853, USA Cornell University College of Agriculture and Life Sciences

9:15 – 9:45 AM

Toward Live Elemental Imaging of Anoxia Responses in Plants

Speaker

Kendal Hirschi

9:45 – 10:15 AM

Exploring plant-environment interactions through multimodal imaging at SSRL

Speaker

Shuxiao Zhang

10:15 – 10:30 AM

Meeting at the Gate: The Role of Root Barriers in Microbe-Induced Resistance

Speaker

Valeria Castaldi

10:30 – 10:45 AM

Foliar application of Nanoscale Iron and Manganese Micronutrients in full life cycle of Soybean (Glycine Max)

Speaker

Sharif Uddin Ahmed

10:45 AM