

Wednesday 5 August

08:00	<p>Registration and breakfast (provided) Break Location: Cornell University, Bradfield 101, 306 Tower Road, Ithaca, NY 14853, USA Cornell University College of Agriculture and Life Sciences</p>
09:00	<p>Welcome Contribution Location: Cornell University, Bradfield 101, 306 Tower Road, Ithaca, NY 14853, USA Cornell University College of Agriculture and Life Sciences</p>
09:15	<p>Introduction to XLEAP Contribution Location: Cornell University, Bradfield 101, 306 Tower Road, Ithaca, NY 14853, USA Cornell University College of Agriculture and Life Sciences</p>
09:30	<p>Fundamental processes in plant nutrient homeostasis Session Location: Cornell University, Bradfield 101, 306 Tower Road, Ithaca, NY 14853, USA Cornell University College of Agriculture and Life Sciences</p>
11:00	<p>Coffee break Break Location: Cornell University, Bradfield 101, 306 Tower Road, Ithaca, NY 14853, USA Cornell University College of Agriculture and Life Sciences</p>
11:15	<p>Plant-soil interfaces and biogeochemical cycling Session Location: Cornell University, Bradfield 101, 306 Tower Road, Ithaca, NY 14853, USA Cornell University College of Agriculture and Life Sciences</p>
12:45	<p>Lunch (provided) Break Location: Cornell University, Bradfield 101, 306 Tower Road, Ithaca, NY 14853, USA Cornell University College of Agriculture and Life Sciences</p>
13:45	<p>Metals and nutrient cycling in aquatic systems Session Location: Cornell University, Bradfield 101, 306 Tower Road, Ithaca, NY 14853, USA Cornell University College of Agriculture and Life Sciences</p>
15:00	<p>Break- coffee and tour logistics Break Location: Cornell University, Bradfield 101, 306 Tower Road, Ithaca, NY 14853, USA Cornell University College of Agriculture and Life Sciences</p>
15:30	<p>Tours of CHESS Session Location: Wilson Synchrotron Laboratory, Campus Road, Ithaca, NY 14853</p>
17:30	
18:00	<p>Banquet dinner Session Location: Statler Hotel</p>
20:00	

Thursday 6 August

08:30

Breakfast (provided)

Break |

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

09:00

09:00

Announcements

Contribution |

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

09:15

09:15

Plants and food safety and nutritional quality

Session |

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

10:30

10:30

Group photo

Break |

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

10:45

10:45

Coffee break

Break |

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

11:00

11:00

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

12:30

12:30

Lunch (provided) + optional campus walk

Break | **Location:** Emerson Hall, Room 135

14:30

14:30

Plants and critical minerals

Session |

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

16:00

16:00

Poster session

Session |

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

17:30

Friday 7 August

08:30

Breakfast (provided)
Break | **Location:** Cornell University, Bradfield 101, 306 Tower Road, Ithaca, NY 14853, USA Cornell University College of Agriculture and Life Sciences

09:00

09:00

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

09:15

09:15

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

10:45

10:45

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

11:00

11:00

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

12:15

12:15

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

12:30

12:30

Boxed lunch (provided)
Break | **Location:** Emerson Hall, Room 135

13:45