

SCHEDULE

Planting Roots for the Future

All activities will be in Boca Meeting Rooms VII and VIII unless noted otherwise

Time	Sun, August 16	Mon, August 17	Tue, August 18	Wed, August 18	Thu, August 20	Fri, August 21
8:00 AM				Shuttle Bus: Departs from Lobby Destination: Indian River Research and Education Center, Ft. Pierce		
8:30 AM						
9:00 AM						
9:30 AM						
10:00 AM						
10:30 AM	Overview of Project Group Assignment Dr. Erin Sparks, Univ of Delaware Dr. Diane Rowland, Univ of Florida	Project Work	Automation and Image Analysis Dr. Alina Zare, Univ of Florida			
11:00 AM	LUNCH	LUNCH	LUNCH	LUNCH	Project Awards	
11:30 AM					Project Work	Project Work
12:00 PM	Participant Check-In Outside Boca Meeting Rooms	BREAK	Keynote: TBD	Imaging Quantification of air spaces	LUNCH	COURSE EVALUATIONS
12:30 PM						COURSE ADJOURNED
1:00 PM		Demo of Hi Fidelity Genetics Equipment, Eric Rogers Initial Design and Development of Project Project Work	Overview of Root Anatomy and Cell Types Dr. Erin Sparks/Dr. Lorenzo Rossi Root Physiology within the Whole Plant Perspective Dr. Diane Rowland/Dr. Amanda Rasmussen Root Anchorage	Activity: Lorenzo Lab and Field Hand sectioning roots grown under water deficit, drought, water logging	Image Analysis of Data Collected Wed Identify Root Types (By diameter/origin/quantification of traces) Demo of automated image analysis Dr. Alina Zare, Univ of Florida	
1:30 PM						
2:00 PM						
2:30 PM						
3:00 PM						
3:30 PM	BREAK	FREE TIME	FREE TIME	DINNER	Dinner and Keynote:	
4:00 PM						
4:30 PM	Dinner and Keynote: "Looking Back to Move Forward: How the Green Revolution Impacted Root Architecture" Dr. Dave McNear, Univ of Kentucky	Dinner and Keynote: "Evaluating Root Traits in the Field" Eric Rogers, Hi Fidelity Genetics	DINNER ON YOUR OWN	Shuttle Bus: Departs from Ft. Pierce Destination: Caribe Royale	Dinner and Keynote: "Stress Induced Reprogramming of Root System Architecture" Dr. Magda Julakowski, BTI	
5:00 PM						
5:30 PM	BREAK	FREE TIME	FREE TIME	DINNER	Dinner and Keynote:	
6:00 PM						
6:30 PM	BREAK	FREE TIME	FREE TIME	DINNER	Dinner and Keynote:	
7:00 PM						
7:30 PM	BREAK	FREE TIME	FREE TIME	DINNER	Dinner and Keynote:	
8:00 PM						
8:30 PM	BREAK	FREE TIME	FREE TIME	DINNER	Dinner and Keynote:	
9:00 PM						