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	g Rooms VII and VIII unless noted o Wed, August 18	Thu, August 20	Fri, August 21
8:00 AM						
8:30 AM				Shuttle Bus: Departs from Lobby		
9:00 AM				Destination: Indian River Research and Education Center, Ft. Pierce		
9:30 AM						
10:00 AM		Introductions Overview of Root Systems	"Advantageous Adventitious Roots: Bridging Environments and Disciplines"		Ion Imbalances Dr. Elias Bassil, Univ of Florida	
10:30 AM		Phenotyping Dr. Lorenzo Rossi, Univ of Florida	Dr. Amanda Rasmussen, Univ of Nottingham	Add St. January and St. J. Frank	Automation and Image Analysis Dr. Alina Zare, Univ of Florida	Project Presentations
11:00 AM		Overview of Project Group Assignment		Activity: Lorenzo Lab and Field Tour of field and greenhouse		
11:30 AM		Dr. Erin Sparks, Univ of Delaware Dr. Diane Rowland, Univ of Florida	Project Work	Collect root images from rhizoboxes (automated and manual tracing)	Project Work	Project Awards
12:00 PM		LUNCH	LUNCH	(automated and mandar tracing)	LUNCH	Round-Table Discussion with Professionals
12:30 PM		Loneir			LUNCII	COURSE EVALUATIONS
1:00 PM			Overview of Root Anatomy and Cell Types Dr. Erin Sparks/Dr. Lorenzo Rossi	LUNCH		COURSE ADJOURNED
1:30 PM		Demo of Hi Fidelity Genetics Equipment,	Root Physiology within the Whole Plant		Image Analysis of Data Collected Wed	
2:00 PM		Eric Rogers Initial Design and Development of	Perspective Dr. Diane Rowland/Dr. Amanda Rasmussen		Identify Root Types (By diameter/origin/quantification of traces)	
2:30 PM		Project World	Root Anchorage		Demo of automated image analysis Dr. Alina Zare, Univ of Florida	
3:00 PM		Project Work		Activity: Lorenzo Lab and Field		
3:30 PM			Keynote:	Hand sectioning roots grown under water deficit, drought, water logging		
4:00 PM			TBD	Imaging		
4:30 PM	Participant Check-In Outside Boca Meeting Rooms	BREAK		Quantification of air spaces	BREAK	
5:00 PM	outside Bota Fleeting Rooms					
5:30 PM						
6:00 PM	BREAK			DINNER		
6:30 PM		Dinner and Keynote:	FREE TIME		Dinner and Keynote:	
7:00 PM	Dinner and Keynote:	Diffici did Reynote.	DINNER ON YOUR OWN			
7:30 PM		"Evaluating Root Traits in the Field"	232 3 133 3.11	Shuttle Bus:	"Stress Induced Reprogramming of Root System Architecture"	
8:00 PM	"Looking Back to Move Forward: How the Green Revolution Impacted Root Architecture"	Eric Rogers, Hi Fidelity Genetics		Departs from Ft. Pierce Destination: Caribe Royale	Dr. Magda Julakowski, BTI	
8:30 PM	Dr. Dave McNear, Univ of Kentucky					
9:00 PM						