

## Agenda: On-Farm Precision Experimentation (OFPE) Workshop

December 13-15, 2022

Hilton Portland Downtown, Oregon

*Hosted by the University of Connecticut, Montana State University, and the University of Illinois*

Date	Time	Location	Topic	Host/Presenter
Dec. 13	5:00-5:30	Skyline II/I	Registration, Check-in	
	5:30-6:30	Skyline II/I	Introductions and Networking (Facilitated)	Carol McFarland, UConn
	6:30-7:00	Skyline II/I	Meet 'n' Greet, with Hors D'Oeuvres	
Dec. 14	7:45-8:45	Skyline II/I	<b>Working Breakfast</b>	
	8:00-8:10	Skyline II	Welcome	Haiying Tao, UConn
	8:10-9:00	Skyline II	Overview of OFPE	David Bullock, UI
	9:00-10:00	Skyline II	Current Work of Attendees	
			Arizona	Pedro Andrade-Sanchez
			Colorado	Amanda Amsberry
			Oregon	Judit Barroso
	10:00-10:20		<b>Break</b>	
	10:20-11:00		Guam	Adrian Ares
			Texas	Wenxuan Guo, TAMU
	11:00-12:00	Skyline II	<i>OFPE Trial Implementation: Opportunities and Challenges</i>	David Bullock; Bob Dunker.
	12:00-1:00	Skyline II/I	<b>Working Lunch</b>	
	12:10-12:50	Skyline II	<i>The Economic Performances of Different Trial Designs in OFPE: A Monte Carlo Evaluation</i>	Xiaofei Li, MSState
	12:50-1:00		<b>Break</b>	
	1:00-2:00	Skyline II	<i>DIFM's Cyber-Infrastructure</i>	David Bullock, UI
2:00-3:30	Skyline I	Breakout Training Session (Group A): <i>Trial Design Software</i>	Brittani Edge, UI	
2:00-3:30	Skyline III	Breakout Training Session (Group B): <i>Data Processing Software</i>	David Bullock, UI	
3:30-3:45		<b>Break</b>		
3:45-5:30	Skyline II	<b>Discussion:</b> <i>Potential Adoption: Facilitating OFPE Research in the West</i>	Carol McFarland	
5:30-6:00		<b>Break</b>		
6:00-7:00	Atrium Ballroom	<b>Dinner</b>		
Dec. 15	7:45-8:45	Skyline II/I	<b>Working Breakfast</b>	
	8:30-9:00	Skyline II	Breakfast Presentation: <i>Economics of Precision Agriculture</i>	David Bullock, UI
	9:00-9:30	Skyline II	<i>Five Years of OFPE in Montana</i>	Bruce Maxwell, MSU
	9:30-9:50	Skyline II	<i>A Farmer's Prospective on Accelerating Understanding of Crop Performance</i>	Sasha Loewen, MSU
	9:50-10:10	Skyline II	<i>A Farmer's Experience in OFPE</i>	Chuck Merja, MT
	10:10-10:30	Skyline II	<i>A Farmer's Experience on OFPE</i>	Jesse Brunner, WA
	10:30-10:40		<b>Break</b>	
	10:40-12:00	Skyline III	Breakout Training Session (Group B): <i>Data Processing Software</i>	Brittani Edge, UI
	10:40-12:00	Skyline I	Breakout Training Session (Group A): <i>Trial Design Software</i>	David Bullock, UI
	12:00-1:00	Skyline II/I	<b>Working Lunch</b>	
	12:20-12:50		Lunch Presentation: <i>Data Analysis Methods for OFPE</i>	Paul Hegedus
	1:00-2:20	Skyline II	Training Session: <i>DIFM Database Structure and Use</i>	Keith Curran
	2:20-2:30		<b>Break</b>	
2:30-4:00	Skyline II	Closing Discussion: <i>What Next?</i>	Carol McFarland, UConn	