

**NORTH
AMERICAN
PLANT
PHENOTYPING
NETWORK
INAUGURAL
CONVENING
EVENT**

AUGUST 29 - 31, 2016

HOSTED BY



PURDUE
AGRICULTURE

PLANT SCIENCES

Monday, August 29

- 10:30 - 11:30 Building Dedication Ceremony | Indiana Corn and Soybean Innovation Center
- 11:30 - 12:30 Check-in & Lunch | Beck Agricultural Center Atrium
- 12:30 - 1:00 Welcome
- 1:00 - 1:45 Keynote Address | Rapid, End-to-End Deployment of Phenotyping Capabilities: Opportunities and Challenges
Xavier Sirault, Commonwealth Scientific and Industrial Research Organisation (CSIRO), Australia
- 1:45 - 2:00 Afternoon Break
- 2:00 - 2:45 Invited Talk | Advancing Sensing Tools and Future of Phenomics
Sindhu Sankaran, Washington State University, USA
- 2:45 - 4:00 New Facility Tour | Indiana Corn and Soybean Innovation Center
- 4:00 - 5:30 Lightning Talks
- 5:30 Closing
- 6:00 Dinner & Activities | Farmhouse at Prophetstown State Park

Tuesday, August 30

- 8:00 - 8:15 Welcome | Review Agenda
- 8:15 - 9:15 Invited Talk | Phenetics, Phenomics, and Phenotyping
Jonathan Lynch, Penn State University, USA
- 9:15 - 10:30 Proposed Research Thrusts I
Moderated by Jennifer Clarke, University of Nebraska, USA
- 10:30 - 10:45 Morning Break
- 10:45 - 11:30 Proposed Research Thrusts II
Moderated by Sindhu Sankaran, Washington State University, USA
- 11:30 - 1:30 Breakout Sessions & Lunch
- 1:30 - 2:15 Invited Talk | Translating Experience from a Pre-Competitive Public-Private Drug Discovery Consortium to Plant Sciences
Aled Edwards, Structural Genomics Consortium, University of Toronto, Canada
- 2:15 - 3:30 Funding Agency Panel
- 3:30 - 3:45 Afternoon Break
- 3:45 - 5:00 Industry Panel
- 5:30 - 8:00 Poster Session & Dinner | Marriott Hall, Purdue University

Wednesday, August 31

8:00 - 8:15	Welcome Review Agenda
8:15 - 9:00	Invited Talk The Value of Plant Phenotyping Networks <i>Roland Pieruschka, Forschungszentrum Jülich, Germany</i>
9:00 - 9:45	Invited Talk High-throughput Methods for Computing Maize Ear, Cob, and Kernel Attributes Automatically from Images <i>Edgar Spalding, University of Wisconsin, Madison, USA</i>
9:45 - 10:00	Morning Break
10:00 - 12:00	Breakout Sessions Goals of the NAPPN <i>Moderated by April Agee Carroll, Purdue University, USA</i>
12:00	Box Lunch & Depart