SUMMER SEMINAR SERIES
PLANT PHENOMICS PHRIDAYS

Overview:

Challenges and opportunities in the plant sciences are being addressed using novel approaches from diverse disciplines. Speakers include statisticians, biologists, data scientists, and engineers.

Where:	Iowa State University
When:	Fridays June 9-July 28, 2017. 10:00-11:00 AM Central
RSVP:	Registration is free! Sign up online at http://bit.ly/2r0plis
	Connection information for streaming and on-site venue details are listed at the registration site.
Bonus:	Refreshments for registered local attendees

Date	Speaker	Topic
June 9	Carolyn J. Lawrence-Dill Pat Schnable	Introduction to the Series **Challenges Facing Crop Production and Paths to Solutions**
June 16	Ludovico Cademartiri	**Beyond Petri Dishes and Greenhouses: Bringing 'Field Conditions' to the Lab**
June 23	Baskar Ganapathysubramanian	**Image processing, crowd sourcing and high throughout computing for plant phenotyping**
June 30	Dan Nettleton	**Statistical analysis of plant phenomics data**
July 7	Ted Heindel	**NSF Research Traineeship: Predictive Plant Phenomics**
July 14	### SKIP ###	
July 21	Liang Dong	**Microsystems technology for agricultural sensors towards high-throughput plant phenomics**
July 28	Carolyn J. Lawrence-Dill Pat Schnable	**Computing on Phenotype Descriptions for Novel Candidate Gene Prediction** Concluding remarks

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