

The 4th Annual - Nordic Plant Phenotyping Network Workshop

Rungstedgaard - Rungsted, Denmark - November 22nd – 23rd, 2018

'Field Phenotyping – towards new frontiers in crop improvement'

Thursday – November 22		
09.15 – 10.00	Workshop registration and coffee in auditorium	
10.00 – 10.10	Official Welcome	
10.10 – 11.25	The 6P and 6P2 projects – Results and ongoing developments <i>Jesper Svendsgaard, Phd fellow and Asst. Prof. Signe Jensen , University of Copenhagen</i>	Overview of results and plans, possible bottlenecks, and room for discussion
11.25 – 12.15	Welcome to the Jungle...of digital image handling platforms and data properties <i>Jesper Cairo Westergaard, Research IT Coordinator University of Copenhagen</i>	A general overview with room for discussion and lots of questions
12.15 – 13.00	Lunch	
13.00 – 14.00	Automated image analysis – from nice pictures to nice numbers <i>Assoc. Prof. Erik Bjørnager Dam, University of Copenhagen</i>	Keynote presentation (40-45 min.) & discussion (10-15 min.)
14.00 – 14.15	Coffee Break	
14.15 – 15.00	Data management contd. <i>Assoc. Prof. Erik Bjørnager Dam, University of Copenhagen</i>	Group work and plenary discussions
15.00 – 15.30	EnBlightMe! - Disease detection with UAS <i>Assoc. Prof. Erik Alexandersson, Swedish Agricultural University</i>	Presentation (20-25 min) min.) & discussion (5-10 min.)
15.30 – 16.00	Remote sensing for soil zoning and disease detection in potato fields and vineyards <i>Peter Fröhlich, CEO and founder - Agricircle</i>	Presentation (20-25 min) min.) & discussion (5-10 min.)
16.00 – 17.00	Networking, posters and technical presentations. The 6P R&I team, Ecobotix and Agricircle will be present (Coffee and refreshments incl. and check in to rooms will be possible)	
17.15 – 18.00	The 4th Annual NPPN General Assembly	Note: NPPN Partners and Associate Partners only
18.30 – 22.00	The NPPN Dinner	

Friday – November 23		
07.30 – 08.30	<i>Breakfast</i>	
08.30 – 08.45	Day 1 - Summary	
08.45 – 09.45	Statistical challenges and opportunities in plant and crop phenotyping <i>Prof. Scott Chapmann, University of Queensland</i>	Keynote Presentation (40-45 min.) & discussion (15- 20 min)
09.45 – 10.00	<i>Coffee Break</i>	
10.00 – 11.00	UAV Phenotyping of crops under arid conditions <i>Prof. Rick Ward, University of Arizona (Maricopa)</i>	Keynote Presentation (40-45 min.) & discussion (15- 20 min)
11.00 – 11.45	Semi-field root phenotyping – Crop adaptation to effective resource acquisition from the subsoil <i>Simon Fiil Svane, PhD Fellow, University of Copenhagen</i>	Presentation (30-35 min.) & discussion (10-15 min.)
11.45 – 13.00	<i>Lunch</i>	
13.00 – 13.30	FUSNAPI - Detecting Fusarium resistance in oats <i>Juho Hautsalo, Research Scientist, LUKE</i>	Presentation (20 min.) & questions (10min.)
13.30 – 14.00	DroneKnowledge and its agricultural applications <i>Jere Kaivosoja, Research Scientist, LUKE</i>	Presentation (20 min.) & questions (10min.)
14.00 – 14.15	<i>Coffee Break</i>	
14.15 – 15.00	Using UAS and remote sensing in Danish national trials <i>Lars Bonde Eriksen, senior researcher – SEGES</i>	Presentation (30-35 min.) & discussion (10-15 min.)
15.00 – 15.15	Final Remarks	