

# The 6<sup>th</sup> Annual - Nordic Plant Phenotyping Network Workshop

## Virtual meeting – Friday 27 November 2020

09.00-10.00	<b>The 6th Annual NPPN General Assembly</b>	<b>Note:</b> NPPN partners and associate partners only.
10.00-10.30	Break	
10.30-10.40	Welcome and introduction	
10.40-11.20	<b>Opening keynote:</b> <i>Making more of primary phenotypes by modelling secondary phenotypes</i> - Fred van Eeuwijk, Professor, Wageningen University.	30 min presentation & 10 min Q&A
	<b>6P2 R&amp;I presentations:</b>	
11.20-11.35	<i>PlotCut3: A use case of GIS –based plot extraction from UAV images</i> - Jesper Cairo Westergaard, University of Copenhagen.	10 min presentation + 5 min Q&A
11.35-12.30	Lunch break	
12.30-12.45	<i>Area under the vegetation index curve: How far can we take it?</i> - Signe Marie Jensen, University of Copenhagen.	10 min presentation + 5 min Q&A
12.45-13.00	<i>Phenotyping in breeding using UAV and consumer-grade cameras. Main conclusions from a Ph.d study</i> - Jesper Svendsgaard University of Copenhagen /CONCITO.	10 min presentation + 5 min Q&A
13.00-13.15	<i>Detecting potato late blight in the field</i> - Erik Alexandersson & Murilo Sandroni, Swedish University of Agricultural Sciences.	10 min presentation + 5 min Q&A
13.15-13.30	<i>Proximal phenotyping</i> - Aakash Chawade & Alexander Koc, Swedish University of Agricultural Sciences.	10 min presentation + 5 min Q&A
13.30-13.45	Break	
	<b>6P3 collaboration – the future of NPPN:</b>	
13.45-13.50	Introduction by Svend Christensen, University of Copenhagen	
13.50-14.00	<i>Data Management</i> – Jesper Cairo Westergaard, University of Copenhagen	5 min pitch + 5 min Q&A
14.00-14.10	<i>Data analytics - field trends and linking traits</i> - Signe Marie Jensen, University of Copenhagen.	5 min pitch + 5 min Q&A
14.10-14.20	<i>Improving methods and techniques for phenotyping</i> - Morten Lillemo, Norwegian University of Life Sciences.	5 min pitch + 5 min Q&A
14.20-14.30	<i>Automating counting of plants and plant organs</i> - Erik Alexandersson, Swedish University of Agricultural Sciences.	5 min pitch + 5 min Q&A
14.30-14.45	<i>Modelling activities to support plant breeding</i> – Simon Fiil Svane, University of Copenhagen.	10 min pitch + 5 min Q&A
14.45-15.00	Break	
15.00-15.40	<b>Closing keynote:</b> <i>Breeder Friendly Phenotyping</i> - Matthew Reynolds, Crop Physiologist, The International Maize and Wheat Improvement Center (CIMMYT).	30 min presentation & 10 min Q&A
15.40-15.45	Closing of the workshop.	