Program NordPlant end-meeting, 22-23 November 2023

[*Updated: 7 September*]

Please note that the meeting is immediately followed by the NPPN meeting

Theme: "The future plant phenotyping"

Place: Hotellet Skansen, Båstad, Sweden

Wednesday 22 November

Start time	End time	Presenter	Title
12.00	13.00	**Lunch**	
13.00	13.10	Erik Alexandersson (SLU)	Welcome
13.10	13.45	David Rousseau (INRAE)	Challenge and opportunities for deep learning-based computer vision in plant imaging
13.45	14.00	Laura Jaakola (UiT)	Hyperspectral analysis in controlled climates
14.00	14.15	Kristiina Himanen (UHEL)	Image-based phenotyping for tree growth, architecture and color
14.15	14.30	Thomas Roitsch (UCPH)	Functional phenomics
14.30	14.45	Lars Eklundh (LU)	Time-series data from satellite for large-area monitoring of crop growth
14.45	15.15	**Coffee break**	
15.15	15.30	Svante Resjö (SLU)	Potato -omics from the North to the South of Sweden
15.30	16.00	Nordic views , Panel discussion	
16.00	16.15	Harri Juntunen (YieldSystem, FI)	Machine learning solutions for agri-food value chain enhancement
16.15	16.30	Qinlin Xiao (SLU/Zheijiang Uni)	Spectral analysis for plant resistance and disease
16.30	16.45	Chandana Pandey (UCPH)	Assessment of combined pathogen and drought stress in barley by an integrative functional phenomics approach
16.45	17.00	El houssaine Bouras (LU)	UPSCALE - Upscaling crop performance monitoring by linking satellite and field biosignatures
19.00		**Dinner**	

Thursday 23 November

Start time	End time	Presenter	Title
9.00	9.40	Shawn Kefauver (University of Barcelona)	AI in plant phenotyping – everywhere, all the time, or maybe not?
9.40	10.10	Sylvain Poque (UHEL)	Phenomics data analysis, management and policy
10.10	10.40	Øystein Opedal (LU)	Evolvability and constraints in plant evolution
10.40	10.55	Corine Faehn (UiT)	Hyperspectral imaging in root phenotyping
10.55	11.00	Erik Alexandersson (SLU)	Wrap-up