

# Program NordPlant annual meeting Wednesday 30 November 2022 (Updated: 20 September)

**Theme: Envirotyping for plant breeding and precision agriculture**

Place: Blue Hall, Ecology Building, Lund, Sweden (Sölvegatan 37)

Start time	End time	Presenter	Title
11.00	12.00	Jesper Cairo Westergaard, Sylvain Poque, Tatu Polvinen	Working with common data standards in NordPlant

## Lunch

13.00	13.10	Erik Alexandersson	Welcome
13.10	13.40	Jose Luis Arous Ortega (University of Barcelona)	On-farm crop phenotyping
13.40	14.10	Fred Stoddard (University of Helsinki)	Fitting faba bean for high-latitude farming
14.10	14.30	Therese Bengtsson (SLU)	Pre-breeding for adaptation of spring barley to Northern latitudes
14.30	15.00	Coffee break	
15.00	15.30	Antoine Harfouche (UNITUS)	Leveraging Explainable Artificial Intelligence to Advance Plant Phenomics Research and Decisions
15.30	15.50	Nasir Uddin (Husqvarna group)	AI and data science in a forest, green space and garden outdoor equipment company
15.50	16.05	Florent Abdelghafour (INRAE)	Hyperspectral imaging in agriculture
16.05	16.20	Ajit Nehe (SLU)	Phenotrolley: Affordable Phenotyping System for Controlled Growth Conditions
16.20	16.35	Chandana Pandey (UCPH)	Impact of drought on barley resistance against fungal pathogens by high-throughput multispectral, microscopic and physiological phenotyping
16.35	16.45	Final remarks	

## Mingle