



Agriculture

17 November 2022 - 09:00-11:00

ARE THE FUTURE FARMERS FLYING FARMERS?



Use of robots, drones, and satellites in agriculture

Today's agriculture has transformed into a high-tech enterprise that most 20th-century farmers might barely recognize. Self-driving machinery and flying robots able to automatically survey and treat crops will become common place on farms that practice what's come to be called precision agriculture. The ultimate purpose of all this high-tech gadgetry is optimization, from both an economic and an environmental standpoint. This thematic workshop will point out and showcase different solutions that are on the market, ready to be used by farmers worldwide.

Programme

- 09.00 Welcome and Introduction by Susanne Baden Jørgensen, Senior International Manager, Food & Bio Cluster Denmark
- 09.05 "Experiences with the collection and use of data for precision agriculture from the project SQM-Farm" by Henrik Skov Midtiby, Associated Professor, Mærsk-McKinney Møller Institute, University of Southern Denmark
- 09.25 "Precision weed control using HectoDrone" by Andreas K. Siggaard, CEO, Hecto Drone ApS
- 09.35 "Snapshot Hyperspectral imaging for food science across multiple scales" by Bjarke Jørgensen, Head of Research, Newtec Engineering A/S
- 09.45 "FarmDroid - the world's first fully automatic robot for both sowing and weeding control" by Eddie Bolding Pedersen, Head of Sales & Marketing, FarmDroid ApS
- 09:45 End of Master Class 1 and start of Master Class 2
- 09.55 Introduction to masterclass 2 by Tomaz Zadavec, Project Manager, ITC
- 10.00 "Satellite data in Agriculture" by Panagiotis Ilias, Senior IT Business Analyst, ILVO
- 10.20 "Helping agricultural corporates/sectors to produce higher crop yields using satellite technologies in FarmAI", by Manika Sachdev, Operations Project Manager, Listenfield
- 10.30 "Precision farming made easy and affordable with help of Dynacrop" by Ervin Csőke, Business Development Manager, World from Space
- 10.40 "Detecting unexploited planting sites eligible to host new vineyards" by Alessandro Saetta, CEO, Terroir from Space
- 10.50 Q & A - Wrap & Closing by Susanne Baden Jørgensen, Senior International Manager, Food & Bio Cluster Denmark
- End of Master Class 2
- 11:00 End of Thematic Workshop