

ADVANCED PHENOTYPING Training event Programme

Thursday 22nd and Friday 23rd July 2021
at Nafferton Farm, Stocksfield, Northumberland, NE43 7XD

22nd July Thursday

12:45 Nibbles and Coffee

1pm: Workshop Start - Paul Bilsborrow

1:10pm - Remote sensing Basics ; Ankush Prashar

1:40 pm - Crop sensing: Some exemplars; Ankush Prashar

2pm - Sensor tools for phenotyping; Demonstration from Ankush Prashar
and Phatchareeya Waiphara

2:50pm - Practical considerations for imaging

3:00pm - Coffee Break

3:20pm - Hyperspectral lab demonstration; Ankush Prashar and
Phatchareeya Waiphara

3:50pm - Data pre-processing and analysis steps and examples: Ankush
Prashar

4:20pm – Remote soil moisture measurement with a homemade Infrared
Hyperspectral imager: Cyril Bourgenot

4:40pm – Seminar from Avinash Agarwal Title: TBC

5pm: End of day

23rd July Friday

9am - Drone Flight: Fixed wings and Multicopter: Data Collection and Basics
of flight. Jock Souter and Ankush Prashar

10am: GPS systems – Jock Souter

10.30 am: Drone RGB and Multispectral data analysis – Jock Souter, Ankush
Prashar and Phatchareeya Waiphara

11am - Examples from Slovenia: Uros Zibrat

11:20am – Presentation from Shara Ahmed on Multispectral data analysis

11:40 am – Discussions and Conclusions – Paul Bilsborrow

12:00pm End of workshop

More info: ecobreed.eu

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