

ROBOTS DRONES & SENSORS

FUTURE FARMING MASTERCLASSES



@AGROTREND - BFGV AGRICULTURAL HUB, BUNDABERG

FEATURING.....

- HARVEY - THE ROBOTIC CAPSICUM HARVESTER
- SWARMFARM ROBOT - SMALL MACHINE, BIG TECHNOLOGY
- DRONES, DRONES AND MORE DRONES
- AUTOMATED INSECT MONITORING
- SENSOR TECHNOLOGY & ON-FARM CONNECTIVITY
- DATA FARMING & APPLICATION IN PRECISION AG TECHNOLOGY
- SPECIALISTS IN THE FIELD - RESEARCHERS FROM CQUNI, QUT CSIRO, LOCAL BUSINESSES & GROWERS
- THE RINGER!

27-28 APRIL 2018

Two days of practical hands-on demonstrations of the latest technology in ag. Don't get left behind - receive all updates on the Future Farming Masterclasses straight to your inbox - email michelle.haase@bfgv.com.au



This is an initiative of BFGV and CQUni, funded by the Queensland Government through the Engaging Science program



SPEAKER INFO

27-28 April 2018 @Agrotrend #vegnet #futurefarming



TIM NEALE - DATAFARMING

An agricultural consultant with over 20 years' experience across Australia and internationally, 15 of which has been spent running his own business. Tim's strong ag tech focus has been driven by an evolution from CTF, auto-steer guidance technology, elevation mapping and water planning, yield mapping, variable rate, soil mapping, and satellite imagery. Tim will be presenting on turning technology into reality on farm.



DR CHRIS MCCOOL - QUEENSLAND UNIVERSITY OF TECHNOLOGY

Harvey' the Robotic Capsicum Harvester project combines robotic vision and automation to develop a new agricultural prototype nicknamed 'Harvey' – a robot designed to identify and robotically harvest capsicums (sweet peppers). Dr Chris McCool a Senior Researcher at QUT with more than 10 years experience, and Dr Chris Lehnert also from QUT, will be bring Harvey to Bundaberg to demonstrate how it all works.



NEVILLE CROOK - SWARMFARM ROBOTICS

Neville is a Director of SwarmFarm Robotics and has a life time of experience in agriculture. He has 20 years experience as an agronomist in cotton, grain and horticulture. For the last 10 years he has worked as a finance and agribusiness consultant. Neville graduated from the University of Queensland, Gatton with a Bachelor of Applied Science in Rural Technology. Neville will take you on the SwarmFarm Robotics journey and give a live demonstration of a SwarmBot.



DR NANCY SCHELLHORN - CSIRO

Dr Nancy Schellhorn leads the Spatial Ecology team at CSIRO and is researching ecosystem services through the study of beneficial and pest invertebrates within native habitats and managed environments. They have developed and advanced the concept of Pest Suppressive Landscapes (PSL) and led the development of an insect monitoring invention to better understand insect movement, one of the most poorly understood, yet fundamentally important biological processes. Dr Schellhorn will be presenting on Automated Insect Monitoring.