

Sustainable Farming SIG

Tuesday 14 July, Rothamsted Research, Harpenden

Programme

- 10:00 Registration, refreshments and posters
- 10:30 Welcome and Introduction**
Sustainable Farming SIG Convenors
- 10:40 KEYNOTE: Why we Need Applied Entomology within Sustainable Farming Systems**
Prof. Nicola Randall, Harper Adams University
- 11:20 KEYNOTE: Field boundaries and beyond: do agri-environment schemes support insect pollinators at multiple spatial scales?**
Dr. Jo Staley, UK Centre for Ecology & Hydrology
- 12:00 Stretch break
- 12:15 Flash talks (5 minutes each including questions):**
- 1. Cabbage Stem Flea Beetle Research +**
Duncan Coston, ADAS and project partnership
 - 2. Measuring Floodplain Meadow Restoration Outcomes Using Plant Pollinator Networks**
Katie Perry, Oxford Brookes University
 - 3. Sublethal effects of abamectin and cinnamon extract on the population dynamics of *Oligonychus beeri* (Acari: Tetranychidae) in avocado**
Juan Carlos Flores Bernedo, National Agrarian University (UNALM)
 - 4. Target the pest, spare the rest**
Heather Sirmon, University of Plymouth
 - 5. Optoelectronic insect remote sensing for early detection of horticultural pests**
Nina Ockendon-Powell, Royal Agricultural University
 - 6. From variability to reliability: designing microbial communities for sustainable pest control**
Sharon Zytynska, The University of Manchester
- 13:00 Lunch and posters

- 14:00** **Walk to Rothamsted Insect Survey Traps**
5 minute walk to see Rothamsted light traps and suction traps and learn about the Rothamsted Insect Survey long term datasets
- 14:30** **Field sampling – Park Grass, Broadbalk**
Join us in field entomology on the longest running experiments in the world- sweep netting, vegetation beating, vacuum sapling, and more...
Weather appropriate clothes and shoes advised
- 15.45** **Return (tractor ride)**
View the farm landscape and field experiments in style, from a tractor trailer!
- 15.55 Coffee for the road
- 16:00 Departure