Bee Cognition and Agriculture Virtual Symposium

8th – 9th September 2022

All times British Summer Time

REGISTRATION IS FREE:

Register here: https://forms.ncl.ac.uk/view.php?id=15079618

All talks and events will be online, links will be sent after registration

SEPTEMBER 8TH 2022

0900 **Social interactions**

1045 **Welcome and introduction**

1100 Elli Leadbeater, Royal Holloway, University of London

Is memory always valuable for foraging bees?

1120 Sharoni Shafir, Hebrew University of Jerusalem

Cognition-mediated crop pollination: is the potential realized?

1140 Hema Somanathan, Indian Institute of Science, Education and Research, Thiruvananthapuram

The salience of colour and social cues in foraging Asian giant honeybees, Apis dorsata

1200 **Lunch/Break**

1300 Mathieu Lihoreau, University Paul Sabatier

How do bees move across the landscape?

1320 Natalie Hempel de Ibarra, University of Exeter

Bumblebee foraging under natural low light conditions

1340 Sarah Arnold, University of Greenwich

Giving managed bumblebees a "boost" with caffeine

1400 **Discussion Session 1: Bee learning and spatial cognition during pollination**

1445 **Discussion Debrief**

1500 **Break**

1530 Giles Budge, Newcastle University

1550 Felicity Muth, University of Texas at Austin

New insights into bee cognition & how they can inform our understanding of anthropogenic effects on bees

1610 **Break**

1640 Jonathan Pattrick, University of Oxford

The effect of energetics and nectar composition on reward evaluation and foraging preferences in bumblebees

1700 **Discussion Session 2: Cognitive indicators of bee welfare in response to pesticides and parasites**

1745 **Discussion Debrief**

1800 **Social interactions**

SEPTEMBER 9TH 2022

0730 **Social Interactions**

0900 **Welcome and introduction**

0920 Arnon Dag, Gilat Research Centre Israel

The conflict between typical bee foraging behavior and demand for crop cross-pollination

0940 Mary Gikungu, National Museums of Kenya

1000 **Break**

1030 Ben Woodcock, UK Centre for Ecology and Hydrology

The role of functional diversity in supporting pollination services

1050 Rebecca Karanja, Jomo Kenyatta University of Agriculture and Technology

Efficiency of stingless bees in pollination greenhouse grown watermelons.

1110 Vinita Gowda, Indian Institute of Science, Education and Research, Bhopal

Foraging dynamics of native bees and understanding generalizations and specializations within grassland communities of tropical India.

1130 **Discussion Session 3: Bee behaviour and crop productivity**

1215 **Discussion Debrief**

1230 **Lunch/Break**

1330 Dara Stanley, University College Dublin

Understanding impacts of non-neonicotinoid pesticides on bumblebee foraging behaviour

1350 Filemon Elisante, Dodoma University

Knowledge gap among smallholder farmers on importance of bee pollinators in northern Tanzania

1410 **Break**

1500 Katherine Baldock, Northumbria University

Pollinator conservation opportunities in urban landscapes

1520 Neil Audsley, FERA Science Limited, UK

Selective pest management to reduce impact on pollinators

1540 Beth Nicholls, University of Sussex

A citizen science approach to studying plant-insect interactions in urban farms

1600 **Discussion Session 4: Building healthy environments for bees**

1645 **Discussion Debrief**

1700 **END**