Royal Entomological Society

# Virtual Student Forum 2026

## Tuesday 1 December, Zoom

## Programme

10:00 **Introduction**
Max Tercel, RES Trustee & Membership Committee Chair *and*
RES Student Representatives:

- Idris Adams, University College London
- Rosy Christopher, Newcastle University
- Genevieve Kiero Watson, Rothamsted Research & Lancaster University

10:15 **Wolbachia induced Cytoplasmic Incompatibility as a potential strategy for Tetranychus urticae management**
Yiuwei Wu, The University of Melbourne (Australia)

10:30 **KEYNOTE: Entomology in the Wikispace**
Thomas Hall, Charles University, Prague (Czech Republic)

11:30 Break

11:45 **Effect of Natural and Artificial Diets on the Biological Performance of Spodoptera frugiperda (Lepidoptera: Noctuidae)**
Muhammad Wasif Wania, Gomal University (Pakistan)

11:50 **Black Soldier Fly: a potential insect for managing kitchen bio-waste**
Abdullah . , Bahauddin Zakariya University, Multan (Pakistan)

11:55 **Transcriptomic signatures of wood digestion, wood detoxification and development in the Eastern Subterranean termite, Reticulitermes flavipes**
Shatarupa Sarkar, Czech University of Life Sciences, Prague (Czech Republic)

12:10 **Ant-inspired and scorpion-inspired foot-ground interfaces for hexapod locomotion on granular terrains**
Federica Daga, Sant'Anna School of Advanced Studies, The BioRobotics Institute (Italy)

12:25 **Aedes aegypti Larvae Upcycle Brewer's Spent Yeast into Essential Amino Acids**
Alexander Rudin, Rutgers, The State University of New Jersey (USA)

12:40 **Public Perception of Insects: Usefulness as a Predictor of Attitudes**
Joe Gough, Keele University (UK)

12:45 Lunch break

13:30 **KEYNOTE: Twists and turns and tangled webs: an arachnologist's unconventional career journey**
Dr Catherine Scott, Faculty of Medicine at Memorial University in Newfoundland and Labrador (Canada)

14:30 **Tracing the geographic origins of migratory aphids landing in the UK**
Jen Thomas, Rothamsted Research and University of Exeter (UK)

14:35 **Fungal Modulation of Plant Volatiles Alters Feeding Behavior in the Generalist Beetle Rutela lineola (Scarabaeidae: Rutelinae)**
Isabelle Zilli, Universidade Federal do Paraná (Brazil)

14:40 Break

15:05 **Beyond Structural Support: The Role of Cardiac Extracellular Matrix Proteins in Mosquito Immunity and Heart Physiology**
Shabbir Ahmed, Vanderbilt University

15:20 **Venom characterisation of Morocco's medically important scorpions**
Bella Hubbard, Liverpool school of Tropical Medicine (UK)

15:35 **The impact of wastewater discharges on the body burdens of trace metals in aquatic invertebrates - preliminary results**
Erica Boston, University of Exeter (UK)

15:40 **Biological control of two morphs of cowpea weevil, Callosobruchus maculatus**
Kwasi Asante, Council for Scientific and Industrial Research (Ghana)

15:45 Closing remarks

16:00 Finish