

## North-West European section of the IUSSE / Winter meeting 2016

19<sup>th</sup> December at the Natural History Museum, London

### Program

*From 9:00 am: registration + coffee*

9:55 Welcome

10:00-10:20 **Felicity Muth**: Bees taste the pollen they collect

10:20-10:40 **Louis Guillot**: Investigation on the link between the depth of the organic layer in the soil and the number of *Lasius flavus* ant mounds in salt marshes on the island of Fano off the Danish coast.

10:40-11:00 **Callum Martin**: Are commercially produced bumblebees necessary in strawberry crops?

11:00-11:20 **Chris Pull**: Cocoons protect ant pupae against harmful side effects of chemical disinfection

11:20-11:40 **Cornelia Bühlmann**: Interaction of multiple navigational strategies in ants

11:40-12:00 **Jacob Holland**: Plasticity in worker behaviour compensates for experimentally-reduced body size diversity in bumblebee colonies

*12-13:30 lunch*

**13:30-14:30 plenary talk by Prof. Kate Parr, Univ. of Liverpool:**  
**Risk-taking & Ecological Surprises**

*14:30-14:45 section business meeting*

14:45-16 coffee + posters:

**David Prince**: Investigating the genetic basis of worker reproduction in *Bombus terrestris*

**Line Vej Ugelvig**: Chemical cues of ant larvae in health and disease

**Patrick Kennedy**: Satanic wasps have a friendly side: cooperative drifting amongst *Polistes satan* in the Brazilian cerrado

**Fernando Ribeiro Sujimoto**: Flagellar sensilla diversity in the sub castes of *Atta sexdens rubropilosa* (Hymenoptera:Formicidae)

16:00-16:20 **Rodrigo Pracana**: Odorant Binding Protein evolution in the fire ant's the social chromosome supergene

16:20-16:40 **Emeline A. Favreau**: Genetic architecture of social organisation in the ant *Pheidole pallidula*

16:40-17:00 **Daisy Taylor**: Molecular innovations in the transition to sociality, a cross-species comparison of paper wasps

17:00-17.20 **Robin Southon**: Reproductive conflict and cooperation in tropical *Polistes*: potential individual fitness routes in the absence of diapause

17:20-17:40 **David Treanor**: Wolbachia in *Myrmica scabrinodis*

After the last talk the informal discussion will continue in a pub nearby.

**Please note:** The closest Tube station is South Kensington. To enter the venue, use the visitor's entrance on Exhibition Road. For security reasons, we have to come and pick you up from the reception. Enter through the open door to the visitors' reception area and explain to the receptionist that you have come for the IUSSE meeting. We will meet you at the desk. If you arrive late, call Paul Eggleton 079 1301 9727 when you are at the reception!