

Friday August 28 **Symposium 18**

*Location: Room 2*

## **Frontiers in speciation research: proximal and causal mechanisms of behavioural divergence**

*This Symposium is supported by the European Networking Programme on Frontiers in Speciation Research (FroSpects) coordinated by the European Science Foundation (ESF).*

Organizers: *Carole Smadja, University of Sheffield, United Kingdom  
Anneli Hoikkala, University of Jyväskylä, Finland  
Roger Butlin, University of Sheffield, United Kingdom*

Co-organizers: *Axel Meyer, University of Konstanz, Germany*

09.45 - 10.15 JEFFREY L. FEDER (invited)  
On the Scent of Speciation: Fruit Odor Discrimination and Sympatric Host Race Formation in the Apple Maggot Fly

10.15 - 10.45 MARK BLOWS (invited)  
Microevolutionary Approaches to Understanding how Sexual Selection Generates Phenotypic Divergence

10.45 - 11.15 *Coffee break*

11.15 - 11.35 KATIE PEICHEL (ESF – FroSpects invited speaker)  
Sex chromosome turnover and the evolution of behavioral isolation in a stickleback species pair

11.35 - 11.55 GLENN-PETER SÆTRE (ESF – FroSpects invited speaker)  
Mating behaviour in a flycatcher hybrid zone - divergence, convergence and the process of speciation

11.55 - 12.15 FLORIAN P. SCHIESTL (ESF – FroSpects invited speaker)  
Floral signals, pollinator behaviour, and floral isolation in plants

12.15 - 12.35 GENEVIEVE M. KOZAK  
Learned conspecific mate preference in a species pair of sticklebacks

12.35 - 13.35 *Lunch*

13.35 - 13.55 ASTRID T. GROOT  
What role does phenotypic plasticity play in intraspecific variation in moth pheromone communication signals ?

13.55 - 14.15 RICHARD M. MERRILL  
Genetic linkage of speciation genes in *Heliconius* facilitates ecological speciation

14.15 - 14.35 AMANDA J. MOEHRING  
Variation in behavioral isolation loci in *Drosophila*

14.35 - 14.55 THOR VEEN  
Conflict between sexual selection signals and species recognition

14.55 - 15.25 *Coffee break*