

Tuesday August 25 **Symposium 3**

Location: Room 3

Are "good genes" theories of sexual selection finally sinking into the sunset ?

Organizers: *Mike Ritchie, University of St Andrews, United Kingdom*
Nathan Bailey, University of California at Riverside, United States

- 09.45 - 10.15 ADAM CHIPPINDALE (invited)
The ecological genetics of good genes. On the plasticity of the intersex genetic correlation
- 10.15 - 10.45 ANNA QVARNSTRÖM (invited)
Testing the genetics underlying the co-evolution of mate choice and ornament in the wild
- 10.45 - 11.15 *Coffee break*
- 11.15 - 11.35 ESA KOSKELA
Sexually antagonistic alleles oppose good genes in the bank vole, *Myodes glareolus*
- 11.35 - 11.55 TRINE BILDE
Postmating sexual selection favours males that sire offspring with low fitness
- 11.55 - 12.15 JENNY BOUGHMAN
Context dependent genetic benefits to mate choice contribute to divergent mate preferences and sexual isolation in sticklebacks
- 12.15 - 12.35 ZOFIA M. PROKOP
Does sexual ornament size signal mutation load in stalk-eyed fly *Teleopsis dalmanni* ?
- 12.35 - 13.35 *Lunch*
- 13.35 - 13.55 PIM EDELAAR
Sexual selection on good genes is promoted and maintained by local adaptation, and can even lead to speciation with gene flow
- 13.55 - 14.15 CHRISTOPHE EIZAGUIRRE
MHC-based mate choice combines good genes and maintenance of MHC polymorphism
- 14.15 - 14.35 ANDREW POMIANKOWSKI
Do male fertility benefits contribute to the evolution of mate preference in stalk-eyed flies ?
- 14.35 - 14.55 LOCKE ROWE
Good genes, bad genes and the role of condition-dependence in the co-evolution of the sexes
- 14.55 - 15.25 *Coffee break*