

GoCAS WORKSHOP 2: Sexual Selection & Sexual Conflict 20 – 26 April 2017

This symposium will explore the leading frontiers of sexual selection and sexual conflict, with an emphasis on how empirical data distinguishes different models and sources of conflict.

General information

The workshop takes place at **Matematiska vetenskaper** (Dept of Mathematical Sciences), at Chalmers Technical University in Gothenburg. Address: Chalmers tvärgata 3.

Venues:

- [MVH12](#) (NB Tuesday afternoon: [MVH11](#)) = Lecture halls on the ground floor in the “high” building. Entrance from Chalmers tvärgata 3 or Hörngatan 1.
- [Mallvinden](#) = Meeting room at the top floor in the same building as MVH12.
- Coffee or tea (“fika”) is served in the lunch room, 1st floor in the “low” building.
- There are two guest offices, fitting 5 in each, at our disposal. 1st and 2nd floor in the “low” building.
- Most lunches and dinners will be eaten at your own expense at nearby restaurants, e.g. at [Wijkanders](#), and [OOTO](#).

PROGRAM

Thursday 20 April 2017

Venues: 9-15 [MVH12](#); 15-18 [Mallvinden](#)

Morning session chair: Mats Olsson.

9.00-9.30 Welcome and introduction. Scott Edwards, et al.

9.30-10.15 **Scott Edwards**: Birds, genes and disease: a geneticists’ view of sexual selection. MVH12.

10.15-10.45 “Fika” (coffee/tea break). Lunch room.

10.45-11.30 **Rebecca Safran**: Defining a role of ecology in sexual selection, with implications for population divergence and speciation. MVH12.

11.30-12.15 **Willow Lindsay**: Neuroendocrine specializations for Acrobatic Courtship Display in Manakins. MVH12.

12.15-14.00 Lunch break

14.00-14.45 **Lotta Kvarnemo**: Sexual selection & number of mates – what do we miss by sticking to this focus? MVH12.

14.45-15.15 Fika (coffee, tea, cinnamon buns). Lunch room.

15.15-16.30 Topical discussions, Mallvinden. Chair: Scott Edwards.

16.30-18 Publication planning I: Groups, topics, etc. Mallvinden. Chair: Willow Lindsay.

Dinner (place to be decided)

Friday 21 April 2017

Venues: 9-14 [MVH12](#); 14-18 [Mallvinden](#)

Morning session chair: Scott Edwards.

9.00-9.45 **Jan Lifjeld**: Why is sperm competition so variable among passerine birds? MVH12.

9.45-10.15 **Calum Ninnies**: Colour signalling in widowbirds and bishops, MVH12.

10.15-10.45 Fika (coffee, tea, fruit). Lunch room.

10.45-11.30 **Erica Leder**: A genomic view of sexual conflict: Sex-biased expression and sex chromosome evolution. MVH12.

11.30-12.15 **Ola Svensson**: The genetics of mate preferences in hybrids between two young and sympatric Lake Victoria cichlid species. MVH12.

12.15-14.00 Lunch break

Afternoon session chair: Mats Olsson.

14.00-14.45 **Jakob Höglund**: Candidate loci for mating success in lekking birds. MVH12.

14.45-15.15 Fika (coffee, tea, blueberry buns). Lunch room.

15.15-18.00 Topical discussions, Mallvinden.

Afterwork at [Wijkanders](#).

Saturday 22 April 2017

Venue: [Mallvinden](#) all day

Morning session chair: Lotta Kvarnemo.

9.00-9.45 **Rebecca Safran**: Environmental influences on sexual trait evolution: from development to expression. Mallvinden.

9.45-10.15 **Badreddine Bererhi**: Aspects of inbreeding depression and mate choice in the sand lizard. Mallvinden.

10.15-10.45 Fika (coffee, tea). Lunch room.

10.45-11.30 **Tom Pizzari**: Sexual selection and sexual conflict: The polyandry revolution. Mallvinden

Afternoon session chair: Willow Lindsay.

14.30-15.15 **Mats Olsson**: Genetic and environmental effects on components of sexual selection in sand lizards. Mallvinden.

15.15-15.45 Fika (coffee, tea). Lunch room.

15.45-17.00 Continued discussions. Mallvinden

Dinner (place to be decided)

Monday 24 April 2017

Venues: 9-14 [MVH12](#); 14-18 [Mallvinden](#)

Morning session chair: Scott Edwards.

9.00-10.15 **Geoff Parker**: Sexual selection and the sexual cascade. MVH12.

10.15-10.45 Fika (coffee, tea, fruit). Lunch room

10.45-11.30 **Arild Johnsen**: Cryptic female choice at the intra- and interspecific level: what are the molecular mechanisms? MVH12.

11.30-12.15 **Anna Qvarnström**: Sexual selection and speciation under different geographical conditions. MVH12.

12.15-14.00 Lunch break

Afternoon session chair: Staffan Andersson.

14.00-15.00 Sum up + Discussions, Mallvinden.

15.00-15.30 Fika (coffee, tea, cinnamon buns). Lunch room.

15.30-16.30 Topical discussions, Mallvinden.

16.30-18 Publication planning II: Groups, topics, etc. Mallvinden. Chair: Willow Lindsay.

Dinner (place to be decided)

Tuesday 25 April 2017

Venues: 9-15 [MVH12](#) , 15-18 [MVH11](#), and Guest offices (all day)

9.00-10.15 Writing sessions in groups. Guest offices or MVH12.

10.15-10.45 "Fika" (coffee, tea, fruit) in the lunch room

10.45-12.00 Writing sessions in groups. Guest offices or MVH12.

12.00-14.00 Lunch break

14.00-15.00 Joint writing meeting, MVH12. Chair: Willow Lindsay.

15.00-15.30 Fika (coffee, tea). Lunch room.

15.30-18.00 Continued writing in groups. Guest offices or (NB) MVH11.

Wednesday 26 April 2017

Venues: 9-12.15 [Mallvinden](#) , 14-18 Guest offices;

9.00-10.15 Joint writing meeting, Mallvinden. Chair: Willow Lindsay.

10.15-10.45 "Fika" (coffee, tea). Lunch room

10.45-11.30 Joint writing meeting. Mallvinden. Chair: Willow Lindsay.

11.30-12.15 Summing up! Mallvinden. Chair: Scott Edwards.

12.15-14.00 Lunch break

14.00-15.00 Time for group meetings at your own initiative. Guest offices.

15.00-15.30 Fika (coffee, tea). Lunch room.

15.30-18.00 Continued group meetings at your own initiative. Guest offices.

Participants:

	Name	Email
Invited:	Tommaso Pizzari	tommaso.pizzari@zoo.ox.ac.uk
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