Scheduled symposia (2017) for the **Origin of Biodiversity**: a cross-disciplinary thematic program on genome evolution and speciation

*International Visiting Chair: Scott V. Edwards*

1. **Biodiversity and macroevolution, with an emphasis on the tropics**
   
   **03 -13 April** Local host: Alexandre Antonelli
   
   This symposium will highlight evolutionary processes over deep time in the tropics, exploring links between models and empirical processes of biodiversity buildup in terrestrial ecosystems.

2. **Sexual selection/sexual conflict**
   
   **18 – 26 April** Local hosts: Mats Olsson, Staffan Andersson and Lotta Kvarnemo
   
   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.

3. **Phylogenomics and phylogeography: new models and insights from large scale data sets**
   
   **15 – 24 May** Local host: Bengt Oxelman
   
   An overview of new models and large-scale data sets that integrate phylogenomics and phylogeography and challenge existing paradigms.

4. **Host-pathogen co-evolution in the genomic era**
   
   **29 May – 2 June** Local host: Karin Hårding
   
   This symposium will highlight new insights at the interface of host and pathogen revealed by modern –omics approaches.

5. **The role of museums in modern evolutionary biology**
   
   **5 June to 9 June** Local host: Mari Källesjö
   
   Here we will showcase examples of museums and herbaria applying 21st century technologies to quantifying, analyzing and making accessible biodiversity records in the era of ‘big data’.

**All are welcome to attend!**

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or view updates at https://www.chalmers.se/en/centres/GoCAS/Events/Origin-of-Biodiversity