

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!

For information, contact Karin Hårding karin.harding@bioenv.gu.se,
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or view updates at <https://www.chalmers.se/en/centres/GoCAS/Events/Origin-of-Biodiversity>