OSTEROMICS
BIOCODING LATERAL PROCESSES IN SPECIATION
TEREC - GHENT UNIVERSITY

MODELING SPECIATION

Are you into models? Not the ones you can see on catwalks but the ones that help us understand biological processes? Are you eager to apply your skills to earn a PhD within an evolutionary context and in a multi-disciplinary team where in silico scenarios built important synergies with in situ data? Then you should continue reading.

We believe that most innovation in research can be propelled by amalgamating skills from different disciplines into a holistic and overarching framework. In that sense, we want to capitalize on the newest developments in genomics and computational biology in combination with classical ecological work to understand how speciation works in complex and changing environments.

WITH YOU, WE WANT...

...to study the eco-evolutionary dynamics in the bird genus Zosterops in East Africa using a multidisciplinary toolbox within a multilateral consortium of experts.

HELP US...

...to understand the role of lateral processes of speciation in changing environments and create simulated environments in which virtual eco-geneticists will work.

THE GREAT SPECIATOR

Zosterops shows a remarkable speciation rate which is one of the highest among vertebrates. This diversification is partly driven by adaptation to rapidly changing environments – yet, the exact processes remain unknown. These iconic birds, described by Ernst Mayr as ‘great speciators’ thus pose an ideal study system to learn more about speciation in a changing world.

WE LOOK FOR...

...an enthusiastic PhD candidate with profound coding skills, a competitive track record and a keen interest in avian evolutionary biology.

Follow the link or scan the code to learn more about the project and how to apply! https://goo.gl/b2RLMv