Amendments

Unfortunately, due to unforeseen circumstances we have had to make some changes to the timetable. However, we have managed to secure some more fantastic speakers. Please take note of the following changes:

Tuesday 3rd 18:00 - 19:00
Andy Gardner can no longer attend, in this slot we now have Dr. Jarrod Hadfield giving an invited speaker talk.

Wednesday 4th 14:00 - 15:00
In place of Johanna Mappes we now have guest speaker Martin Stevens.

Friday 6th 16:40 - 17:40
Seirian Sumner will be joining us as an invited speaker.

All of the above talks will take place in the chapel lecture theatre.

Dr. Jarrod Hadfield

Oxford University, UK

Jarrod is a research fellow at the Edward Grey Institute of Field Ornithology (Oxford University), and works mainly in the area of quantitative genetics. He uses a combination of theory, statistical inference and experimentation in order to address questions regarding the form of natural selection and the nature of heritable variation. His current work includes manipulations on a population of blue tits to understand the genetic basis of family interactions and the consequences these interactions have for natural and kin selection. In an attempt to bring models of selection and inheritance together he has also developed statistical methods for quantitative genetic analysis of non-Gaussian phenotypes such as survival and fecundity. In the tradition of quantitative genetics, where the distinction between theory and statistics is blurred, he often employs theoretical models to motivate the development of statistical models.

Tuesday 3rd 18:00 - 19:00

Dr. Martin Stevens

University of Exeter, UK

Martin is a senior research fellow at the University of Exeter. His work covers sensory ecology and evolution, especially vision and adaptive coloration. The research conducted in his group and with their collaborators covers a broad range of areas, including animal (especially bird) vision, anti-predator coloration (especially camouflage, warning signals, and eyespots), brood parasitism, and signalling, communication, and animal coloration in general. He works on a wide range of taxonomic groups, including birds, reptiles, crabs, insects, primates, and even humans. His work combines empirical and theoretical work in the lab and field, both in the UK and abroad (Africa, mainland Europe, SE Asia). Martin's research is highly interdisciplinary, incorporating theories and methods from several areas of biology, experimental psychology, and computer science.

Wednesday 4th 14:00 - 15:00

Dr. Seirian Sumner

Bristol University, UK

Seirian is a senior lecturer at Bristol University. She seeks to understand how biological complexity, primarily in the form of sociality, arises at the level of the genes and the interplay of genes, behaviour and the environment. She aims to understand how genomes produce phenotypic and behavioural diversity, determine what facets of this diversity account for an individual's behaviour, and explore how this influences their ecology and robustness to the environment. She addresses this at proximate and ultimate levels on wild populations of non-model organisms, particularly eusocial insects. The approach she uses combines some of the most recent advances in molecular techniques and state-of-the-art field monitoring technology. Seirian is also an active public communicator of science through science writing, public lectures and experiments, school events, and science exhibitions. Most recently, she founded and co-organises Soapbox Science – an annual event that brings science to the streets and raises public awareness of the high profile, active community of female scientists in the UK.

Friday 6th 16:40 - 17:40