

	Seminar room	LT1	LT2	LT3	LT4
Tuesday 7th January	8:30-9:20	Registration and coffee			
	9:20-9:30	Conference welcome (LT1)			
	9:30-10:30	Plenary - Stephen Wright (LT1)			
	10:30-11:15	Coffee break			
	11:15-11:30	Levi Yant - A Polyploid Paradox: does polyploid diversity arise from maladapted DNA replication and repair?	William (Bill) Sherwin - DnaDot - Fixing Ecology and Evolution's Blind Spot, Population size	Lei Huang (S) - Efficient and flexible analysis of fine-scale population structure using rare variants	Katie Abson (S) - Predicting adaptive potential from genomic data and its implications for conservation.
	11:30-11:45	Jasmine Ono - The limit to evolutionary rescue depends on ploidy in yeast exposed to nystatin	Barbara Mable - Confessions of an eDNA sceptic	Alexander Mackintosh - An approximate method for simultaneous inference of background selection, demography and partial selfing	Vivak Soni - Demographic inference and scans for positive and balancing selection in the aye-aye (<i>Daubentonia madagascariensis</i>)
	11:45-12:00	Hilde Schneemann - Predicting hybrid fitness: the effects of ploidy and complex ancestry	Sophie Wilkins (S) - Examining the long term impacts of a conservation translocation	Isabela do O (S) - A method for identifying spatially divergent selection considering structured populations	Sarah Griffin (S) - Sting Operation: Single Nucleotide Polymorphisms (SNPs) for invasive yellow legged hornet population genetics analysis
	12:00-12:15	Carl Mackintosh - Coevolution of ploidy and sex	David S Richardson - Lost in translocation; how the gut microbiome is impacted by population translocations – and potentially vice versa.	Manas Geeta Arun - A new method for estimating additive genetic variance in relative fitness using genome-wide allele frequency change data	Anna Hewett - Inbreeding depression in wild barn owls: Effect on growth rates and underlying genetic architecture
	12:15-13:45	Lunch break			
	13:45-14:00	Josh Reynolds (S) - The effects of demography on rare variant haplotypes	Kang-Wook Kim - Convergent copy number variation of CYP2J19 underlies carotenoid colour polymorphism in the estrildid finches	Rowan Green (S) - Multiple pathways to reduced evolvability: A single gene knockout reduces mutation rate and introduces a bias towards high cost antibiotic resistance mutations in <i>Escherichia coli</i>	Lila Colston-Nepali (S) - Parallel divergence at chromosomal inversions and other genomic regions in the European flat oyster
	14:00-14:15	Manolo Perez - Integrative taxonomy using traits and genomic data for species delimitation with deep learning	Vitor Sudbrack (S) - Tandem repeat variation in partially selfing populations	Sara Duarri Redondo (S) - LD pattern in ancestral founder populations shapes the genomic signature of polygenic adaptation	Fernando Seixas - Local adaptation mediated by ancient inversions in a Caribbean butterfly
	14:15-14:30	Guillaume Achaz - Conservation Population Genomics: inferring recent demographic history using the sfs	Yu-Chi Chen (S) - Linked selection of insertions and deletions in coding regions of the great tit genome	Juliane Friedrich - Regulatory variants under selection in African cattle	Pierre Barry - Understanding the evolutionary history of inversions and their role in speciation and adaptation across the Littorina marine snails genus
	14:30-14:45	Leon Hilgers - Avoidable false PSMC population size peaks occur across numerous studies	Ilik Saccheri - Structural polymorphism and melanism in the peppered moth	Anna Bazzicalupo - Evolution of cross-tolerance to metals in yeast	Le Qin Choo - Association of inversion polymorphisms with ecotypes in the flat periwinkle <i>Littorina fabalis</i>
	14:45-15:00	Bhavin Khatri - Spatial soft-sweeps: a means to jointly estimate recent demography and migration	Emma Curran - The role of structural variation during adaptation to whole genome duplication	Filip Ruzicka - Reconciling theories of dominance with the relative rates of adaptive substitution on sex chromosomes and autosomes	Thomas Decroly (S) - What governs the rate of inversion substitution in natural populations?
	15:00-15:15	Amelia Eneli (S) - Generative AI models for demographic inferences of malaria vectors	Anastasia Ignatieva - Analysing structural variation using reconstructed genealogies	Marco Giuseppe Balducci - Microbial Drivers of Speciation: Mycorrhizae Shaping Howea Palm Evolution	Jana Nickel - Investigating the mutation load associated with adaptation in threespine stickleback
	15:15-16:00	Coffee break			
	16:00-16:15	Andrew Pomiankowski - The metabolic costs of meiotic drive	Meng Lu (S) - The genomic landscape of historical and ongoing gene flow in hybridising Geum (<i>Rosaceae</i>)	Michael Pointer (S) - How does sexual selection buffer populations against extinction?	Bruna Cama - Mapping an elusive colour locus in a polymorphic butterfly
	16:15-16:30	Michael G Ritchie - Sexual antagonism in a domestic kitchen?	Riccardo Poloni - Speciation in the Amazon: divergence in sympatry of two <i>Morpho</i> butterflies	Fantin Carpentier - Unraveling early sex chromosome evolution: coexistence of diverse Y haplotypes in <i>Rana temporaria</i>	Eva Koch - Exploring trade-offs and constraints in warning coloration: genetic insights from <i>Arctia plantaginis</i> moths
	16:30-16:45	Fanny Laugier - A red queen under the shell: snails as a new model to study cyto-nuclear conflicts and dioecy	Derek Setter - The effect of gene flow barriers on local ancestry	Sam Ebdon - Faster-X evolution in globular springtails	Edward Page (S) - Recurrent use of two genes across 110 million years of convergent evolution
	16:45-17:00	R. Axel W. Wiberg - Patterns of genetic diversity of seminal fluid proteins across populations of <i>Drosophila</i> and associations with climatic variables.	Stuart Baird - Eroding species barriers: hybridising canids remain distinct around centromeres	Thomas Hitchcock - Effective population size of X chromosomes and haplodiploids under cyclical parthenogenesis	Laura Tensen - Heterozygosity is low where rare colour variants in wild carnivores prevail
	17:00-17:15	Florencia Camus - Mitonuclear interactions and Mothers Curse	Kathryn Elmer - Genomic Landscape of Oviparity and Viviparity: Insights from Common Lizard Natural Hybrids	Mario Erandi Bonillas-Monge - Demographic history of the smoky rubyspot damselfly (<i>Hetaerina titia</i>) and congeners in the presence of interspecific interference	Nicholas Strowbridge (S) - Molecular mechanisms of colouration: fire salamanders as a model
	17:30-19:30	Poster session (Diamond Basement)			
Wednesday 8th January	9:00-10:00	Plenary - Ravinder Kanda (LT1)			
	10:00-10:15	Lefrancq Noémie - Uncovering the spatial spread and fitness dynamics of <i>Bordetella pertussis</i> (Sir Kenneth Mather Memorial Prize)	Tim Barraclough - Horizontal transfer contributed to multiple outbreaks of coffee wilt disease	Hayley Free (S) - Identification of Novel Endogenous Retroviruses in Anuran Genomes	Melanie Lindner - Adaptation of avian breeding time to global warming is facilitated by genomic variation in temperature-sensitivity
	10:15-10:30		Catherine Collins (S) - The evolutionary fate of laterally acquired genes depends on their utility and functional novelty	Charles Michie (S) - Endogenous Betaretrovirus in endangered slow lorises	Jeni Sidwell (S) - Milk transcriptomes provide insights into the evolution of pinniped lactation traits
	10:30-11:15	Coffee break			
	11:15-11:30	Darren Obbard - Variation in mutation and recombination rate within and among species of <i>Drosophilidae</i>	Tymoteusz Pieszko (S) - Inferring the presence and frequency of sex using an ancestral recombination graph (ARG) approach	Chris Wilson - Bdelloid rotifers deploy horizontally acquired biosynthetic genes against a fungal pathogen	John Benjamin Owens (S) - Isolated adder (<i>Vipera berus</i>) populations: utilising low-medium coverage genomics to identify and assess the effects of barriers on gene flow across fragmented landscapes
	11:30-11:45	Menno De Jong - Constructing and interpreting multi-locus phylogenies	Silas Tanderup (S) - Genomic comparison of variation and inbreeding in domestic and primitive horse breeds	Flora Todd (S) - Historical transposable element invasions in the peppered moth	Alexandros Topaloudis (S) - Low-coverage sequencing, with and without a reference panel
	11:45-12:00	Rui Borges - A rant about mutation models in population genetics and phylogenetics	Yan Wong - Dated ARGs provide a clinically useful alternative to defining discrete human populations	Joanne Griffin - The impact of P-element-induced hybrid dysgenesis on testis TE regulation	Samantha Beck - Genomic insights into migration timing in North American Atlantic salmon (<i>Salmo salar</i>)
	12:00-12:15	Lilith Zijmers (S) - What determines levels of quantitative genetic diversity?	Gabriela Mafra-Fortuna - Application of Ancestral Recombination Graphs in Livestock Populations	Ewan Harney - Transgenerational effects of heat shock on <i>Drosophila melanogaster</i> gene regulation and life history in arid and temperate populations	Arne Jacobs - Ultra-low-coverage whole genome sequencing for cost-effective and accurate population structure analyses and population assignment.
	12:15-13:45	Lunch break			
	13:45-14:00	Himani Sachdeva - Genetic load, eco-evolutionary feedback and extinction in metapopulations	Dörte Neumeister (S) - Clarifying diversity in a radiation of Chorthippus grasshoppers (Orthoptera: Acrididae) through an integration of genomic and morphometric approaches	Rosalind Craddock (S) - General Pedigree Tracking of Disease-causing Alleles for Recessive Monogenic Diseases in Dogs.	Antti Miettinen - Revisiting the genetic paradox of invasions.
	14:00-14:15	Brian Charlesworth - A gene-based model of fitness and its implications for genetic variation	Hongxin Xie - The origin and maintenance of viviparity in common lizards	Ehouarn Le Faou (S) - Life-History Trade-Off and Genetic Variance of Sex Allocation Traits Under Diversifying Selection	Ginny Greenway - Inbreeding avoidance increases reproductive interference under mixed species conditions.
	14:15-14:30	Nick Barton - Understanding a floral hybrid zone in <i>Antirrhinum</i>	Lewis Alec (S) - Evolutionary Genomics of "Mirror-image" Hawaiian Snails	Jonathan Fenn - Patterns of Gain and Loss of microRNA Families Explain Divergence in Mammal Placental Phenotype	Kiran Lee (S) - Genomics of inbreeding in Seychelles warblers.
	14:30-14:45	Roman Stetsenko - The effect of selfing on the mutation load near a site under balancing selection	Eyal Privman - Evolution of supergenes: lessons from social chromosomes	Sofia Backlund (S) - Effect of a seed bank on genetic relatedness in snapdragons	Alessandro Pinto (S) - Understanding the components of intergenerational inbreeding depression using extra pair paternity.
	14:45-15:00	Bjarke Meyer Pedersen (S) - Correlated landscapes of genomic diversity across great apes are driven by non-neutral processes	Julia Gries (S) - Redefining the ancestral linkage groups of Diptera	Sara Goodacre - Silken snares: Evolution and diversification of spider silk forms and functions	Claudia Martin - Genomic signatures of inbreeding are associated with selfing in widespread British native flowering plants.
	15:00-15:45	Coffee break			
	15:45-16:00	Denis Roze - Differential selection between sexes and the evolution of recombination in diploids and haplodiploids	Aure Kylmänen (S) - SwarmGenomics: An Approachable and Comprehensive Pipeline for Whole-Genome Data Assembly and Genetic Analyses	Camille Jolivel (S) - Effects of pollinator density on the patterns of selection on floral traits	Peter Keightley - Effect of spontaneous mutation accumulation on gene expression variation in mic
	16:00-16:15	Kora Klein - Developing theory on maternal genetic sex determination	Aidan Pierce (S) - Strength of Selection on host versus symbiont shapes the genome complexity of eukaryotic endosymbionts and organelles	Matthew Hartfield - Perspectives on mating system evolution: comparing concepts in plants and animals	Julie Grosse-Sommer (S) - Estimating the unbiased distribution of fitness effects of new mutations in <i>Escherichia coli</i>
	16:15-16:30	Iris Prigent (S) - Socially-mediated disersal favors the evolution of defectors and cooperators	Megan Barnes (S) - Adaptive differences between mitochondrial haplotypes in Atlantic stickleback	Gina Henderson (S) - The genomic basis and evolution of immune trait variation in Soay sheep	Jilong Ma - Large reductions in germline mutation rate associated with sociality evolution in <i>Stegodyphus</i> spiders

Thursday 9th January	16:30-16:45	Adam Eyre-Walker - Evidence that most accessory genes are adaptive in prokaryotes	Finley Grover-Thomas (S) - Climate associated natural selection in the human mitochondrial genome	Melany Henot (S) - Evolutionary drivers and consequences of monogeny, an unusual reproductive system in fungus gnats (Family: Sciaridae)gene expression X-linked	Chaowei Zhang (S) - Intraspecific test of the drift-barrier hypothesis
	16:45-17:00	Comfort Break			
	17:00-18:00	Charles Rotimi Fisher memorial lecture (LT1)			
	9:00-10:00	Plenary - Katerina Guschanski (LT1)			
	10:00-10:15	Kate Rick - Heredity paper of the year	Martin Carr - Selection on both tRNA and mRNA facilitated efficient and accurate protein translation in ancestral eukaryotes	Kasha Strickland - Effect of sociality on microevolutionary processes in wild spotted hyenas	Eamon Winship (S) - Exploring the "depth" of Evolution in Marine Sediment Bacteria
	10:15-10:30		Andrea Betancourt - Leaving Academia: Insights from Evolutionary Biologists on Their Career Transitions and Job Satisfaction	Dylan Padilla - The population genetic of foraging behavior	Pankaj Dhakad (S) - Comparative Genomics and the Evolution of Immune Genes in Drosophila
	10:30-11:15	Coffee break			
	11:15-11:30	Jon Bridle - Testing the potential for the evolution of plasticity in novel environmental regimes in Sicilian daisies	Noah Bourne (S) - The Evolution of Immune Receptor Gene Repertoires in Domesticated Plants	Aleksandra Bliznina - Biodiversity and evolution of L chromosomes using germline sequencing data from single wild-caught fungus gnat males	
	11:30-11:45	Alex Hart - Adapting fast and slow: The repeatability and molecular basis of plastic and genetic responses to temperature extremes	Lara Pereira - Gene duplications in the common ancestor of C4 grasses identifies potential genetic enablers	Lindsay Miles - Bed bug genome-wide patterns of demographic history mirror human global expansion	
	11:45-12:00	Tejashwini Hegde (S) - Gene expression plasticity for larval crowding in Drosophila simulans	Jessica Thomas Thorpe - The first chromosomally assembled isopod genomes	Rebecca Shaw (S) - Characterisation of the historic demographic decline of the British European polecat population	
	12:00-12:15	Jitka Polechova - On the evolution of genetic variance and the (lack of) benefits of phenotypic plasticity in changing environments	Kamil Jaron - Major improvements to ploidy predictions with the updated version of Smudgeplot	Christina Hodson - Scrambled germline restricted chromosome genomes in three black winged fungus gnats (Sciaridae: Diptera)	
	12:15-12:30	Alexander Papadopoulos - Parallelism, plasticity and pre-adaptation in heavy metal tolerant plants	Henry Lewis (S) - The evolution of emancipation from parental care		
	12:30-14:00	Lunch break			
	14:00-16:00	Celebration of Roger Butlin's Career Achievements (LT1)			
	16:00-16:15	Announcement of student prizes and closing (LT1)			
					(S) = Student talk