

Day 1, November 25th		
Registration (8:00-8:45)		
Welcome (8:45-9:10) - Mike Kasumovic		
Student Plenaries: Erin Macartney, Damien Esquerre, Emily Roycroft (9:10-10:10); Chair - Lisa Schwanz		
Room 5	Room 6	Room 7
Co-Evolution Genomics; Chair - Rebecca Adrian	IUSSI; Chair - Simon Robson	Genetic Rescue; Chair - Timothee Bonnet
Carla Sgro - Sex-specific adaptation to environmental change	Simon Tierney - Social biology of an allodapine bee from the Blue Mountains Range	Georgina Wood - Combining genomics and meta'omics with phenotypic and environmental associations to facilitate future-proofing strategies in marine forest restoration
Tom Keaney - Do males matter for mitochondrial genome evolution?	Ben Oldroyd - A single gene defines a subspecies: the thelytoky locus of the Cape honey bee	Yael Rodger - Past and present genetic connectivity of a highly fragmented, endangered grassland daisy, <i>Rutidosia leptorrhynchoidea</i>
Mikko Kivikoski - Effects of crossing-over interference on genomic recombination landscape	Paul Broekhuysen - A single gene is driving a subspeciation event in South African honey bees	Paul Rymer - Adaptive capacity to climate change through genomic variation and phenotypic plasticity
Coffee break (11:00-11:30)		
Diversity and Variation; Chair - Rose Andrew	IUSSI; Chair - Simon Tierney	Plasticity; Chair - Dan Noble
Alyssa Weinstein - Reproductive isolation among allopatric and sympatric sexually deceptive <i>Cryptostylis</i> orchids that share a pollinator	Chris Reid - Weaver ant-inspired rules for self-assembly and swarm robotics	Loeske Kruuk - Will selection result in trait evolution? Examples from the wild
Carlos Joaquin Pavon Vazquez - Confirming the Australian origin of the Komodo dragon and revealing ancient gene flow with Australian monitor lizards through an integrative approach	Boris Yagound - Do honey bees faithfully transmit epigenetic marks to their offspring?	Erik Wapstra - Developmental plasticity: within and between population variation in phenological reaction norms in a lizard
Runa Kvamme Ekrem - Aiming for the moon: Maintenance of local adaptation to tidal regime	Carmen da Silva - Thermal adaptation with altitude in Fijian bees	Belinda van Heerwaarden - Constraints in upper thermal fertility limits suggest increased vulnerability to climate change
Julia Ryeland - Parent-offspring conflict and selection on integrative traits in emus"	Thomas Gillard - Honey bee STDs: under-reported, under-studied, or a non-issue?	Vanessa Kellermann - Comparing thermal performance curves across traits: how consistent are they?
Simon Griffith - Colour, sperm and chromosomal inversions across the contact zone of two sub-species of finch in northern Australia	Daisy Kocher - Queen pheromones and the evolution of eusociality	Daniel Noble - Plastic responses to novel environments are biased towards phenotype dimensions with high additive genetic variation
Jason Kennington - A long goodbye – a genomic view of a species extinction	Tarli Conroy - Social immunity in the honeybee: self-sacrifice and forced ejection	Luke Amjah - Redundancy analysis identifies environmental drivers of phenotype in a recent invasion
Oliver Stuart - Glacier genetics: phylogenetic placement and species delimitation of the Rocky Mountain locust, <i>Melanoplus spretus</i> , using glacier-preserved samples		
Lunch / IUSSI Meeting (12:45-1:45) (Room 4)		
Parental Effects; Chair - Angela Crean	Sexual Selection; Chair - Bruno Buzatto	Adaptation; Chair - Paul Rymer
Madeleine Beekman - Ectothermic vertebrates are too cool to care – explaining the absence of parental provisioning in reptiles, amphibians and fish	Thomas White - Flies exploit predictable perspectives and backgrounds to enhance iridescent signal contrast and mating success	Collin Ahrens - Adaptation to temperature among closely related tree species with similar distributions is driven by divergent evolution
Mylene Mariette - Embryonic eavesdropping on parental calls: implications for parent-offspring conflict	Pietro Pollo - When should male mate choice evolve?	Brodie Foster -Anthropogenic deforestation drives flight loss in a wing-polymorphic stonefly
Nathan Burke - Intralocus sexual conflict explains diverse patterns of inheritance of parental effects	Upama Aich - Should females mate with experienced males? Indirect effects of sexual experience on offspring fitness.	Beatrice Apirajkamol - Effect of oxidative stress on phenotype, gene function, and telomere length in <i>Helicoverpa armigera</i> (Lepidoptera: Noctuidae)
Joanna Rutkowska - How strong are non-genetic paternal effects compared to maternal ones? A meta-analysis of studies with dietary exposure in full-factorial experimental setup	Suzanna Gooley - Understanding the effect of demographics and background on mate preference and courtship investment in humans.	Mitchell Hodgson - Genetic and Non-genetic sources of variation in thermal traits in a Temperate Australian Lizard
Sarin Tiatragul - Anolis lizard nesting behaviour enhances embryo survival and development in urban areas	Michaela Parascandalo - Effects of increased sexual interaction on female reproductive success in <i>Drosophila melanogaster</i> are contingent on the history of sexual selection	Alizee Meillere - Effects of early-life anthropogenic noise exposure on development in the zebra finch
Robert Laird - Parental age effects and the evolution of senescence	Jon Evans - Dietary stress increases the total opportunity for sexual selection and modifies selection on condition-dependent traits	Jake Martin - Sex and drugs: impacts of the pharmaceutical pollutant fluoxetine on female mate choice in the guppy, <i>Poecilia reticulata</i>
Renee Firman - Maternal stress leads to offspring sex ratio skews that mitigate male-male competition	Maidier Iglesias-Carrasco - Sex in the City: sexual selection and urban colonization in passerines	Lucinda Aulsebrook - Evolutionary impacts of the pharmaceutical pollutant fluoxetine on <i>Daphnia magna</i>
Xiyan Xiong - Modelling the effect of caesarean section and formula feeding on the development of human gut microbiota		Claudia Crowther - Examining the link between seasonal differences in pivotal temperature and egg mass in the freshwater turtle, <i>Chrysemys picta</i>
Coffee break (3:15-3:45)		

Population Genetics; Chair - Mark de Bruyn	Plasticity; Chair - Dan Noble	Adaptation; Chair - Mylene Mariette
Rosalyn Gloag - Do invasive honey bees benefit from the high mutability of their sex locus?	Stephen Bonser - Costs and benefits of plasticity in the size at reproduction in short-lived plants	Christina Miller - Using genetically divergent populations of zebrafish to better understand the interaction of genetic and thermal determinants of performance
Katarina Stuart - Local signatures of founding populations confound examination of adaptive divergence in invasive populations	Hayley Cameron - Can competitive asymmetries maintain offspring size variation	Chun-Chia Chou - Effects of temperature on reproductive timing in a tropical ectotherm
Iva Popovic - Twin introductions by independent invader mussel lineages are both associated with recent admixture with a native congener in Australia	Lisa Schwanz - Extreme temperatures and loss of canalization	Brooke Zanco - The role of nutrition in mediating larval trait responses to temperature is population specific in <i>Drosophila melanogaster</i>
Joshua Thia - The scale of genotype-phenotype-environment associations in panmictic marine populations	Geoff While - Co-evolutionary dynamics between life history, ecology and social living in lizards	Anais Pessato - Early acoustic experience affects adult thermoregulation in the heat in zebra finches
Arndt Haeseler - Model finding in sequence evolution	Atsumi Keisuke - Hybridization reduces the variation of male sexual phenotype in F1 hybrids: A meta-analysis	Avishikta Chakraborty - How does genetic variation modulate developmental plasticity in response to changing environmental conditions?
Stephanie Chen - Advancing genomic resources for myrtle rust research and management	Louise Noergaard - Experimental evolution of parasite dispersal strategies in spatially dynamic landscapes	Luke Holman - The genetic architecture of sex- and age-specific fitness
Sarah Leeson - Population genetics of Australia's introduced dung beetles		Rebecca Fox - Mate choice decisions and parenting strategies in degrading environments: mind the evolutionary trap
Jessica O'Hare - Signatures of selection in the Sydney rock oyster		Fonti Kar - Life in cold blood: What can we learn from snakes and lizards about the evolution of life-history trade-offs?
Careers in Science Public Relations, Olivia Majorim, Target Malaria, Imperial College London (5:15-6:15); Chair - Lee Rollins		

Long talks in black; Short talks in blue