


	DAY 1				DAY 2			DAY 3		
TIMES	MOLONGLO	BARTON	BRINDABELLA	TIMES	MOLONGLO	BARTON	BRINDABELLA	MOLONGLO	BARTON	BRINDABELLA
	Phylogenetic methods	Evolutionary ecology	Plasticity		Behavioural evolution	Genomics	Life-history 1	Infection & Host-parasite interaction	Sexual selection 2	Life-history 2
15:45 - 16:00	Thomas Wong MAST: Phylogenetic Inference with Mixtures Across Sites and Trees	Andrew Letten Why resource dynamics matter in microbial communities	Movis Choy How long-term adaptation to combined thermal-nutritional stress affects plasticity of thermotolerance	11:00 - 11:15	Shinichi Nakagawa The future of meta-analysis in ecology and evolution	Chuan Lei Prevalence, extent and predictors of introgressive hybridisation in anemonefishes	Alistair Senior Genes, Diet and Lifespan in <i>Drosophila</i>	Alexander Mikheyev Origins of honey bee viruses	Daniela Wilner Are some populations of facultatively parthenogenic stick insects becoming obligately asexual?	Amanda Pettersen How does the cost of brooding scale with offspring size?
16:00 - 16:15	Frederick Jaya Finding tree topologies from an alignment using site-rate variation	Kristoffer Wild Metabolic consequences of sex-reversal in two species of lizard: a test of the like genotype and like phenotype hypotheses	Jared Lush Anticipating change: the impact of seasonal heterogeneity and local adaptation on thermal tolerances	11:15 - 11:30	Adam Bode Romantic love evolved by co-opting mother-infant bonding: Introducing a new model	Lachlan King The influence of genetic background on the mutational variance of body size in <i>Drosophila serrata</i>	Dustin Marshall Quantifying the costs of ontogenetic transitions	Emily Remnant Antiviral RNAi profiles reveal replicating viruses in a honey bee parasite	Soleille Miller Genetic and phenotypic consequences of asexual reproduction in wild populations of a facultative parthenogen	Luisa Fitzpatrick Senescence in a viviparous reptile
16:15 - 16:30	Caitlin Cherryh A comparison of methods for quantifying treelikeness	Alexandros Sotiropoulos Global genomic analyses of wheat powdery mildew reveal association of pathogen spread with historical human migration and trade	Claudia Crowther Is being plastic actually fantastic? How plasticity shapes the evolution of environmental sex determination.	11:30 - 11:45	Rob Brooks How Might Artificial Intelligence Influence Human Evolution	Jennifer Evans Assessing eco-evolutionary dynamics and inbreeding depression in an iconic Australian bird using genomic methods	Laura Wilson Sex differences in allometry for phenotypic traits in mice indicate that females are not scaled males	Nathan Butterworth Sex differences shape susceptibility to infection	Emily Beasley An intergeneric comparative investigation into the courtship behaviour of three Stigmatopora species of pipefish	Russell Bonduriansky Dietary restriction fails to extend life in stressful environments
16:30 - 16:45	Simone Blomberg Models for the evolution of trait covariance matrices using Lie group methods	Geoff While Do maternal thermal effects on basking behaviour facilitate adaptive divergence?	Simon Hart Phenotypic plasticity promotes species coexistence	11:45 - 12:00	Rachael Brown Cultural Canalisation: Robust inheritance beyond the germline	Coley Tosto Sex-biased gene expression reveals how sexual dimorphism evolves in pipefish	Caitlin Andrews The Nutritional Ecology of Human Mortality	Upama Aich Effects of psychoactive pollution on sex-specific behavioural variation	Sarah Flanagan What can behaviour, ecology, and genetics tell us about the evolution of sexual dimorphism? A case study using pipefish	Carlos Aguilar SYMBIOSIS SHAPES EVOLUTION OF SIZE AND FUNCTION OF SPORES ACROSS THE FUNGAL KINGDOM
16:45 - 17:00	Xia Hua Modelling speciation process on phylogeny	Avneet Kaur Genetic basis of adaptation in contrasting environments of an Australian wildflower	Greg Walter Hidden genetic variation in plasticity provides the potential for rapid adaptation to novel environments	12:00 - 12:15	Lindell Bromham Why do hot countries have spicy food? The challenges of testing evolutionary hypotheses using cross-cultural data	Jane Melville Integrating fossils and genomics to reconstruct the decline of the threatened Mountain Dragon, <i>Rankinia diemensis</i>	Chris Barker In silico evidence for the evolution of ageing driven by fluctuating environments	Vayani Abeysinghe The evolutionary trajectory of invading pathogens in sexually dimorphic host populations	Michael Kearney Parthenogenesis without costs	Ekta Ekta The relative contribution of mitochondrial interactions to male reproductive success at different temperatures
				12:15 : 12:30	Alex Jordan Behavioural Evolution in Lake Tanganyikan Cichlids	William Sherwin Improved Detection of Selection in Genomes (ΛA) cuts down false positives/negatives	Gregory Taylor No effect of testosterone on sexual ornamentation on telomere dynamics in free-living superb fairywrens: a case study and meta-analysis	Lucinda Aulsebrook Does pharmaceutical pollution alter the spread of infectious disease? A case study using fluoxetine.	Rowan Lymbery Direct and indirect transfer of paternal effects across generations via ejaculates	Samuel Ginther How costly is reproduction, really?

	DAY 2			DAY 3		
TIMES	MOLONGLO	BARTON	BRINDABELLA	MOLONGLO	BARTON	BRINDABELLA
	Behaviour 1	Macroevolution 1	Sexual selection 1	Behaviour 2	Macroevolution 2	Conservation
14:00 - 14:15	Bruno Buzatto Selection on fighting legs and the outcome of fights in a bulb mite	Keaghan Yaxley Global variation in the relationship between avian phylogenetic diversity and functional dispersion is driven by environmental constraints	Tom Keaney Sex-limited evolution does not reveal intralocus sexual conflict	Chun-Chieh Liao Asymmetric information in mobbing: Everyone matters, but why are leaders special in mixed-species flocks?	Matthew McGee Using Australasian fish biodiversity to illuminate the genomic basis of key innovation	Shiho Ozeki The impacts of a common agricultural pollutant on foraging behaviour and growth in the spotted marsh frog
14:15 - 14:30	Eleanor Hay Environmental and phenotypic constraints of song in honeyeaters	Sarin Tiatragul Blind snakes: Australia's hidden rapid Miocene radiation	Ashley Potter Larger sperm live longer	Jim McLean Cheetahs run fast: how general is the life-dinner principle?	Rhiannon Eastment The convergent evolution of pregnancy in vertebrates	Jarrod Sopniewski Minimising biases in genetic diversity estimates
14:30 - 14:45	Claire Taylor The Fecundity Costs of Building Complex Nests in Birds	Rocio Aguilar Impacts of Quaternary climate change on shaping past reptile and frog communities along a 3000km latitudinal gradient	Anastasia Shavrova Why would you eat your mate? The evolution behind sexual cannibalism.	Marilia Fernandes Erickson The distribution of warning coloration across climate zones in Australia	Living Li The rise of darklings: ecomorphological evolution of a hyperdiverse beetle radiation	Oliver Stuart Mutation load in the endangered Lord Howe Island stick insect
14:45 - 15:00	Caitlin Creak Will he walk 1000 miles to fall down at her door? Movement patterns of male Sydney Funnel Web Spiders	Fabian C. Salgado-Roa Ecological consequences of colour polymorphism in spiders	Jess Hadlow The interactive effects of ejaculate age and egg chemical cues on sperm motility	Sanni Silvasti Dynamic colour flashing in moving animals , can it be antipredator defence?	Ryan O'Donnell Detangling the Diurideae (Orchidaceae): Phylogenomics and fungal symbionts provide an updated evolutionary framework	Kelton Cheung Provenance may confound studies of rapid evolution during invasion
15:00 - 15:15	Nikolas Willmott Exploring evolutionary consequences for spider brains through the use of micro-CT	George Jarvis Macroevolutionary patterns in metabolism and development	Chathuranga Dharmaratne Coevolution of morphology and behaviour in sperm transfer context	Ivan Vinogradov General intelligence and its effect on paternity in mosquitofish	Huaiyan Ren The estimation and application of mixture models in phylogenetics	Paige Matheson Population genomics of the invasive pink bollworm, and determining its biosecurity risk to Northern Australia
15:15 - 15:30	Vanessa Penna Goncalves Exploring the social brain hypothesis in spiders	Katarina Stuart Genetics and plasticity are responsible for climate induced ecogeographical patterns in a recent invasion	Callum McDiarmid The genetic architecture of sperm morphology in the long-tailed finch	Scarlett Howard Misperceiving number: Perception of a numerosity illusion in European honeybees and wasps	James Nankivell Genome wide SNPs reveal widespread mitochondrial discordance and convergent evolution in Hydrophis (Elapidae: Hydrophiinae) sea snakes	Luis Mijangos Fragmentation by major dams and implications for the future viability of platypus populations