	Day 1 (Wed 13 Dec)			Day 2 (Thur 14 Dec)		Day 3 (Fri 15 Dec)		
	Darling W G14 Lecture Theatre	Scott Theatre	Darling West G14 Lecture	Scott Theatre	Kerr Grant Lecture Theatre	Darling W G14 Lecture Theatre	Scott Theatre	Kerr Grant Lecture Theatre
Time	(Room 1)	(Room 2)	Theatre (Room 1)	(Room 2)	(Room 3)	(Room 1)	(Room 2)	(Room 3)
9:00				ECR Plenary			ECR Plenary	
9:15				Claudia Crowther			Samuel Lymbery	
9:30				d narrow: Non-linear plasticity			Warfare in ants and video games	
			Reproduction	Morphological Evolution 1	Evolution of resistance	Morphological Evolution 2	Evolution and Conservation 2	Development
9:45			(Chair: Alistair Senior) Soleille Miller	(Chair: Amy Slender) Nuttakorn (Win) Taewcharoen	(Chair: Ros Gloag) Thomas Schmidt	(Chair: Masato Yamamichi) Yuxuan (George) Zhao	(Chair: Ros Gloag) Maxim Adams	(Chair: Jon Evans) Ondi Crino
5.15			Intergenerational Loss of Genetic	No holding back: vertebral column	Global, asynchronous sweeps at	Hourglass-shaped adults and 'Pinocchio-lised'	Evolution, phylogeography and	From eggs to adulthood: unveiling
			Diversity in a Facultative	shape in fast-running prey	multiple resistance genes in Aedes	larvae: Morphological transition of Australian	conservation genetics of the Lord Howe	the sustained impacts of
			Parthenogenetic Stick Insect Species	converges on their speedy predators	mosquitoes	water beetles (Coleoptera: Dytiscidae) from aboveground to underground	Island cockroach Panesthia lata	developmental conditions on skink
								physiology and size
10:00			Liang Liu	Ellen Martin	Joshua Thia	Tory Botha	Patra Petrohilos	Huifang Yuan
10.00			Evolutionary Adaptation of	Grasping hold of functional trade-	Attack of the (resistant) clones: the	Shape note: Morphological investigation	Attack of the Clones: no evidence for	Pioneer and immediate early
				offs using the diversity of foot forms	rise and spread of insecticide	of Tribrachidium from Nilpena, South	distinct phenotypic subgroups of Devil	transcription factors orchestrate an
			of TSHÎ <sup>2</sup> 2-Producing Cells in	in Australian birds	resistance in an invasive aphid pest	Australia	Facial Tumour Disease (DFTD)	environmentally-induced life cycle
			Sticklebacks					transition that is highly conserved across the animal kingdom
10:15			Caitlin Creak	Russell Bonduriansky	Alicia Williams	Natasha Lee Hiotis	Julian Beaman	Ivan Vinogradov
10.15			Accidentally murderous spiders: a	What can allometry and life history	Costs of antibiotic resistance	Hip, hop, and a fossil drop: Identifying	Eco-evolutionary projections to guide	How inbreeding and developmental
			true crime on where they live and	tell us about the evolution of brain	through the lens of resource	fossil frogs from Naracoorte Caves using	genetic rescue for threatened Australian	stress impact cognition
			how they work.	size?	competition theory	their ilium bone	marsupials	
10:30			Jinglin Wen Evidence of Maternal-fetal	Rex Mitchell	lan Gooi The predicte bility of entibiotic	Vera Weisbecker	Bob Wong Toxicants in the wilderness: an	Alistair Senior Nutrition and life-history in
			Communication in Skink Pregnancy	Sizing up cranial allometry in mammals	The predictability of antibiotic resistance evolution in	The thylacine as an evolutionary curiosity	evolutionary perspective	Drosophila melanogaster
			contraction in online regimerer		Acinetobacter baylyi			21000pinia melanogaster
10:45								
11:00				Morning tea (Pfitzner Court)			Morning tea (Pfitzner Court)	
			Quantitative/ population	Invasive species	Microbial Evolution 1	Macroevolution 2	Evolution and temperature	Evolution: not classified
			genetics	(Chair: Jon Evans)	(Chair: Masato Yamamichi)	(Chair: Amy Slender)	(Chair: Ondi Crino)	elsewhere
11:15			(Chair: Rowan Lymbery) Peta Hill	Felipe Floreste	Elisha Freedman	Patrice Pottier	Amanda Pettersen	(Chair: Alistair Senior) Fabian C. Salgado-Roa
11.15			Episodic population fragmentation	Host-parasite immune dynamics	The distribution of secondary	Vulnerability of amphibians to global	Intergenerational plasticity aligns with	Drivers of colour polymorphism in a
			and gene flow reveal a trade-off	along the invasion range of cane	symbionts across scale insects and	warming	temperature-dependent selection on	colourful widespread spider
			between heterozygosity and allelic	toads in Australia	its evolutionary and ecological		offspring metabolic rates	
			richness		implications			
11:30			Iva Popovic	Lauren Common	Atharva Bhilde	Carmen da Silva	Jigmidmaa Boldbaatar	Christopher Barker
11.50			High germline mutation rates, but	The Avian Vampire Fly and Darwin's	Investigating the ecological and	Local climate change velocity and	Effects of heat shock stress on egg	Evolution of Ageing is driven
			not extreme population size	Finches	coevolutionary dynamics of a root	evolutionary history explains	hatching success in Megacrania batesii	adaptive gains
			outbreaks, influence genetic		associated microbiome	multidirectional range shifts in North	(Phasmatodea: Phasmatidae)	
			diversity in a keystone coral predator			American butterflies		
11:45			Lachlan King	Kelton Cheung	Chris Blake	Yun Li	Md Mahmud Al Hasan	Daisuke Kyogoku
			The effect of genetic background on	Selection signatures of the invasive	Experimental Evolution of	Evolution across adaptvie landscape in a	Effects of inbreeding and stressful	Evolution of realized niche breadth
			quantitative mutational variation	cane toad through whole genome	Ecosystem Topography in a Two-	hyperdiverse beetle radiation	developmental temperatures on guppy	diversity driven by community
				analyses	Species Community		fitness	dynamics
12:00			Katrina McGuigan	Rebecca Raynal	James Richardson	Diego Garcia-Bellido	Ros Gloag	Masato Yamamichi
			Effects of spontaneous mutations on	-	Species coexistence via higher order	Australian Ediacaran & Cambrian	A population genetic timeline of a natural	Prey rapid evolution promotes
			fitness traits of Drosophila serrata infected with Drosophila C virus	temperatures of ectotherms - a review	consumer-resource interactions	contribution to Evolution	insect invasion	fluctuation-dependent species coexistence
12:15	Registration desk opens	at Scott Theatre foyer	Simone Blomberg	Paul Battlay	Andrew Letten	Doaa Doudin	Diego de Moura Campos	Devi Stuart-Fox
			Phylogenetic Comparative Methods	Chromosomal inversions underlie	Not-so-simple assembly rules	Evolution of subtelomeres in birds and	Synergistic effects of diet restriction and	From bioinspired to bioinformed:
			for the Quantitative Genetic G- Matrix	rapid adaptation on multiple continents in an invasive weed	support multispecies coexistence on a single resource	reptiles	temperature on guppy development	materials science meets evolutionary biology
			Width	continents in all invasive weeu	a single resource			evolutionary biology
12:30								
12:30	Lunch and registration	on (Pfitzner Court)		Lunch (Pfitzner Court)			Lunch (Pfitzner Court)	

	Day 1 (Wed 13 Dec)			Day 2 (Thur 14 Dec)		Day 3 (Fri 15 Dec)		
	Darling W G14 Lecture Theatre Scott Theatre		Darling West G14 Lecture	Scott Theatre	Kerr Grant Lecture Theatre	Darling W G14 Lecture Theatre	Scott Theatre	Kerr Grant Lecture Theatre
Time	(Room 1)	(Room 2)	Theatre (Room 1)	(Room 2)	(Room 3)	(Room 1)	(Room 2)	(Room 3)
13:00	3:00				Lunch (Pfitzner Court)			
13:15	15 Lunch		G	eneral meeting (Scott Theatre				
13:30	30 (Pfitzner Court)			Tag team talk 2:				
13:45						Australian Centre for Ancient DNA		

14:00						~	ustralian Centre for Ancient DNA	
14:15	Welco	ome				Recent Advances in Ancient DNA		
-	(Scott Th	eatre)				Sexual selection 2	Morphological Evolution 3	
14:30				<b>T</b>		(Chair: Pietro Pollo) Megan Folwell	(Chair: Vera Weisbecker) Sarin (Putter) Tiatragul	
14.30				Tag team talk 1:		Co-evolution of genitalia in Northern	Spags and Snags: morphological	
		Jon Evans, Jess Hadlow, Rowan Lymbery, and Thina Kunalan			Pacific rattlesnakes (Crotalus oreganus)	evolution of Australian blindsnakes		
14:45			Post-ejaculatory environments, paternal effects and more		Bruno Buzatto	Tamika Nash-Hahn		
						Mating behaviour in the Sydney funnel-	Sequential scales: New perspectives on	
	Plena	ary				web spider and the evolution of clasping	snake axial evolution	
	Dustin Rul	penstein			structures in mygalomorph spiders			
15:00	The Evolution of Cooperative	Breeding: New Perspectives				Tom Allison	Yasmin Asar	
	and Future	· ·				Sexual selection shapes the evolution of	Testing the link between molecular and	
	(Scott Th	leatre)				mitochondrial efficiency	morphological rates of evolution	
	(00011 11			Afternoon tea (Pfitzner Court)				
15:15						Martin Whiting	Estefany Karen Lopez Estrada	
						Evolution of a conspicuous dynamic	Testing the punctuated equilibria model	
			Sexual selection 1	Evolution and Conservation 1	Microbial Evolution 2	visual signal in an introduced chameleon	using morphological and molecular data	
			(Chair: Bruno Buzatto)	(Chair: Amanda Petterson)	(Chair: Matt Symonds)			
15:30			Fatema Akhter	Grace Marsh	Christopher Brown			
			Teasing apart the cost of sexual	Genomic vulnerability to climate	rescomp: An R package for resource			
			harassment and mating in females	change in a Critically Endangered possum from southwestern	competition modelling			
	Afterno	on tea		Australia				
15:45	(Pfitzner	Court)	Daniela Wilner	Emily Roycroft	Neetika Ahlawat		Afternoon tea	
			Can sexual conflict explain	Genetic load in island populations of	Nutrient packaging alters adaptation		(Pfitzner Court)	
			geographic parthenogenesis?	Australian mammals	and genetic divergence in E. coli			
	Macroevolution 1	Evolution and climate change	Nirjana Dewan	Oliver Stuart	Jan Engelstaedter			
	(Chair: Matt Symonds)	(Chair: Julian Beaman)	Long-term fitness consequences of D.melanogaster populations evolved in	Genetic rescue of reproductive	The impact of natural			
16:00	Zhuzhi Zhang	Pieter Arnold	the absence versus presence of male-	fitness in a captive bred insect	transformation on adaptation to heterogeneous environments			
	The phylogenetic and parallel origin of Australian soil burrowing cockroaches	Selection on phenotypic traits and their plasticity in response to	male competition		neterogeneous environments		Flash Talks (Scott Theatre)	
	Australian son burrowing cockroaches	warming of both parental and					Jasmine Towle	
		offspring environments					Aubrey Keirnan	
16:15	Sally Potter	Matthew Hall	Pietro Pollo	Aysegul Birand	Michael McDonald		Chenke Zang	
	Cytonuclear discordance and	The sicker sex in a warming world	Synthesis of sexual selection: a	Cheating evolution for conservation	Horizontal gene transfer: making		Austin Fitzpatrick	
	introgression in the brachyotis group	5	systematic map of meta-analyses	-	things happen in the the microbial		Lorenzo Ricolfi	
	of rock-wallabies		with bibliometric analysis		world		Melissa Hernandez Poveda	
							Lucy Ockert	
16:30	Amy Slender	Belinda van Heerwaarden					Adi Nugroho	
	Genomic population structure of a widely distributed Southern Australian	Do endosymbionts influence thermal tolerance?					Veerabhadra (Raju) Dantuluri	
	lizard ( <i>Tiliqua rugosa</i> )						Lynea Witczak Oldfather	
16:45	Toby Kovacs	Damien Dowling					Tariq Ezaz	
	Historical population sizes and	Experimental support for a					Marcus Michelangeli	
	mutation rates in marsupials	mitochondrial genetic contribution	ECR	breakout @Barr Smith South	2032			
		to climatic adaptation		Sietanour G barr Siniti South				
17:00	Kyle Ewart	John Whale						
	Pervasive relaxed selection in termite	Optimus Prime-ing: Can thermal						
	genomes	resilience of seagrass seedlings be enhanced by a priming event?				c	losing and Prizes (Scott Theatre)	
		comunical by a prinning event:						
17:15								
17:30	Welcome event @	Unibar Cloisters					Free Time	
19.00								

18:00 19:00

Conference dinner @Peter Rabbit

# Australasian Evolution Society AusEvo Conference 2023

### Schedule of Events

### Wednesday 13 December

Time	Activity
12:00 - 14:00	Registration Desk Opens @Scott Theatre Foyer
12:30 - 14:00	Lunch @Pfitzner Court
14:00 - 14:30	Welcome address @Scott Theatre
14:30 - 15:30	Plenary 1: Dustin Rubenstein @Scott Theatre
15:30 - 16:00	Afternoon tea @Pfitzner Court
16:00 - 17:00	Concurrent sessions
17:30 onwards	Welcome event @Unibar Cloisters

### Thursday 14 December

Time	Activity
09:00 - 09:45	ECR Plenary: Claudia Crowther @Scott Theatre
09:45 - 10:45	Concurrent sessions
10:45 - 11:15	Morning tea @Pfitzner Court
11:15 - 12:30	Concurrent sessions
12:30 - 14:00	Lunch @Pfitzner Court
	AES General Meeting from 13:00 onwards in Scott Theatre
14:00 - 15:00	Tag Team Talk 1 @Scott Theatre
15:00 - 15:30	Afternoon tea @Pfitzner Court
15:30 - 16:30	Concurrent sessions
16:30 - 17:30	ECR Breakout session @Barr Smith South 2032

### Friday 15 December

Time	Activity
09:00 - 09:45	ECR Plenary: Samuel Lymbery @Scott Theatre
09:45 - 10:45	Concurrent sessions
10:45 - 11:15	Morning tea @Pfitzner Court
11:15 - 12:30	Concurrent sessions
12:30 - 13:30	Lunch @Pfitzner Court
13:30 - 14:30	Tag Team Talk 2
14:30 - 15:30	Concurrent sessions
15:30 - 16:00	Afternoon tea @Pfitzner Court
16:00 - 17:00	Flash talks (Scott Theatre)
17:00 - 17:30	Closing and Prizes @Scott Theatre
17:30 - 19:00	Free time
19:00 - 23:00	Conference Dinner @Peter Rabbit

\*Lunch and Morning/Afternoon tea may be served in the Foyer of Scott Theatre if it is raining outside.

## Daily Program

# Wednesday 13 December

Wednesday	Opening Plenary
Afternoon	Scott Theatre
14:30 - 15:30	Dustin Rubenstein
	The Evolution of Cooperative Breeding: New Perspectives and Future Directions

#### Presentations

Wednesday	Standard talks (10	mins + 3 mins questions)
Afternoon	Darling West G14 Lecture Theatre (Room 1) Macroevolution 1 (Chair: Matt Symonds)	Scott Theatre (Room 2) Evolution and climate change (Chair: Julian Beaman)
16:00	Zhuzhi Zhang The phylogenetic and parallel origin of Australian soil burrowing cockroaches	Pieter Arnold Selection on phenotypic traits and their plasticity in response to warming of both parental and offspring environments
16:15	Sally Potter Cytonuclear discordance and introgression in the brachyotis group of rock-wallabies	Matthew Hall The sicker sex in a warming world
16:30	<b>Amy Slender</b> Genomic population structure of a widely distributed Southern Australian lizard ( <i>Tiliqua rugosa</i> )	Belinda van Heerwaarden Do endosymbionts influence thermal tolerance?
16:45	<b>Toby Kovacs</b> Historical population sizes and mutation rates in marsupials	Damien Dowling Experimental support for a mitochondrial genetic contribution to climatic adaptation
17:00	Kyle Ewart Pervasive relaxed selection in termite genomes	John Whale Optimus Prime-ing: Can thermal resilience of seagrass seedlings be enhanced by a priming event?

#### Social Event

Wednesday	Social Event
17:30	University Bar Cloisters

# Thursday 14 December

Thursday	ECR Plenary 1
Morning	Scott Theatre
09:00 - 09:45	Claudia Crowther
	Off the straight and narrow: Non-linear plasticity in a changing world

Thursday	Standard talks (10mins + 3 mins questions)					
Morning	Darling West G14 Lecture Theatre	Scott Theatre	Kerr Grant Lecture Theatre			
	(Room 1)	(Room 2)	(Room 3)			
	<b>Reproduction</b>	Morphological Evolution 1	Evolution of resistance			
	(Chair: Alistair Senior)	(Chair: Amy Slender)	(Chair: Ros Gloag)			
9:45	Soleille Miller	Nuttakorn (Win) Taewcharoen	Thomas Schmidt			
	Intergenerational Loss of Genetic Diversity in a	No holding back: vertebral column shape in fast-running	Global, asynchronous sweeps at multiple resistance			
	Facultative Parthenogenetic Stick Insect Species	prey converges on their speedy predators	genes in <i>Aedes</i> mosquitoes			
10:00	Liang Liu	Ellen Martin	Joshua Thia			
	Evolutionary Adaptation of Reproduction: The Pleiotropic	Grasping hold of functional trade-offs using the diversity	Attack of the (resistant) clones: the rise and spread of			
	Role of TSHÎ <sup>2</sup> 2-Producing Cells in Sticklebacks	of foot forms in Australian birds	insecticide resistance in an invasive aphid pest			
10:15	Caitlin Creak	<b>Russell Bonduriansky</b>	Alicia Williams			
	Accidentally murderous spiders: a true crime on where	What can allometry and life history tell us about the	Costs of antibiotic resistance through the lens of			
	they live and how they work.	evolution of brain size?	resource competition theory			
10:30	Jinglin Wen Evidence of Maternal-fetal Communication in Skink Pregnancy	<b>Rex Mitchell</b> Sizing up cranial allometry in mammals	lan Gooi The predictability of antibiotic resistance evolution in Acinetobacter baylyi			

Thursday	Standard talks (10mins + 3 mins questions)					
Morning	Darling West G14 Lecture Theatre	Scott Theatre	Kerr Grant Lecture Theatre			
	(Room 1)	(Room 2)	(Room 3)			
	Quantitative/ population genetics	Invasive species	<b>Microbial Evolution 1</b>			
	(Chair: Rowan Lymbery)	(Chair: Jon Evans)	(Chair: Masato Yamamichi)			
11:15	Peta Hill	Felipe Floreste	Elisha Freedman			
	Episodic population fragmentation and gene flow reveal a	Host-parasite immune dynamics along the invasion range	The distribution of secondary symbionts across scale			
	trade-off between heterozygosity and allelic richness	of cane toads in Australia	insects and its evolutionary and ecological implications			
11:30	Iva Popovic High germline mutation rates, but not extreme population size outbreaks, influence genetic diversity in a keystone coral predator	Lauren Common The Avian Vampire Fly and Darwin's Finches	Atharva Bhilde Investigating the ecological and coevolutionary dynamics of a root associated microbiome			
11:45	Lachlan King	Kelton Cheung	Chris Blake			
	The effect of genetic background on quantitative	Selection signatures of the invasive cane toad through	Experimental Evolution of Ecosystem Topography in a			
	mutational variation	whole genome analyses	Two-Species Community			
12:00	Katrina McGuigan	Rebecca Raynal	James Richardson			
	Effects of spontaneous mutations on fitness traits of	Natural oviposition site temperatures of ectotherms - a	Species coexistence via higher order consumer-resource			
	Drosophila serrata infected with Drosophila C virus	review	interactions			
12:15	Simone Blomberg	<b>Paul Battlay</b>	Andrew Letten			
	Phylogenetic Comparative Methods for the Quantitative	Chromosomal inversions underlie rapid adaptation on	Not-so-simple assembly rules support multispecies			
	Genetic G-Matrix	multiple continents in an invasive weed	coexistence on a single resource			

Thursday	Tag Team Talks 1
Afternoon	Scott Theatre
14:00 - 15:00	Jon Evans, Jess Hadlow, Rowan Lymbery, and Thina Kunalan
	Post-ejaculatory environments, paternal effects and more

Thursday		Standard talks (10mins + 3 mins questions)	
Afternoon	Darling West G14 Lecture Theatre (Room 1) Sexual selection 1 (Chair: Bruno Buzatto)	Scott Theatre (Room 2) Evolution and Conservation 1 (Chair: Amanda Petterson)	Kerr Grant Lecture Theatre (Room 3) <b>Microbial Evolution 2</b> (Chair: Matt Symonds)
15:30	Fatema Akhter Teasing apart the cost of sexual harassment and mating in females	Grace Marsh Genomic vulnerability to climate change in a Critically Endangered possum from southwestern Australia	Christopher Brown rescomp: An R package for resource competition modelling
15:45	Daniela Wilner Can sexual conflict explain geographic parthenogenesis?	Emily Roycroft Genetic load in island populations of Australian mammals	<b>Neetika Ahlawat</b> Nutrient packaging alters adaptation and genetic divergence in <i>E. coli</i>
16:00	Nirjana Dewan Long-term fitness consequences of <i>D.melanogaster</i> populations evolved in the absence versus presence of male-male competition	Oliver Stuart Genetic rescue of reproductive fitness in a captive bred insect	Jan Engelstaedter The impact of natural transformation on adaptation to heterogeneous environments
16:15	Pietro Pollo Synthesis of sexual selection: a systematic map of meta- analyses with bibliometric analysis	Aysegul Birand Cheating evolution for conservation	Michael McDonald Horizontal gene transfer: making things happen in the the microbial world

### ECR Event

Thursday	ECR Breakout Session
17:30	Barr Smith South 2032

# Friday 15 December

Friday	ECR Plenary 2
Morning	Scott Theatre
09:00 - 09:45	Samuel Lymbery
	Warfare in ants and video games

Friday		Standard talks (10mins + 3 mins questions)	
Morning	Darling West G14 Lecture Theatre	Scott Theatre	Kerr Grant Lecture Theatre
	(Room 1)	(Room 2)	(Room 3)
	Morphological Evolution 2	Evolution and Conservation 2	Development
	(Chair: Masato Yamamichi)	(Chair: Ros Gloag)	(Chair: Jon Evans)
9:45	Yuxuan (George) Zhao Hourglass-shaped adults and 'Pinocchio-lised' larvae: Morphological transition of Australian water beetles (Coleoptera: Dytiscidae) from aboveground to underground	Maxim Adams Evolution, phylogeography and conservation genetics of the Lord Howe Island cockroach Panesthia lata	Ondi Crino From eggs to adulthood: unveiling the sustained impacts of developmental conditions on skink physiology and size
10:00	<b>Tory Botha</b> Shape note: Morphological investigation of Tribrachidium from Nilpena, South Australia	Patra Petrohilos Attack of the Clones: no evidence for distinct phenotypic subgroups of Devil Facial Tumour Disease (DFTD)	Huifang Yuan Pioneer and immediate early transcription factors orchestrate an environmentally-induced life cycle transition that is highly conserved across the animal kingdom
10:15	Natasha Lee Hiotis	Julian Beaman	Ivan Vinogradov
	Hip, hop, and a fossil drop: Identifying fossil frogs from	Eco-evolutionary projections to guide genetic rescue for	How inbreeding and developmental stress impact
	Naracoorte Caves using their ilium bone	threatened Australian marsupials	cognition
10:30	Vera Weisbecker	Bob Wong	Alistair Senior
	The thylacine as an evolutionary curiosity	Toxicants in the wilderness: an evolutionary perspective	Nutrition and life-history in Drosophila melanogaster

Friday		Standard talks (10mins + 3 mins questions)	
Morning	Darling West G14 Lecture Theatre (Room 1) <b>Macroevolution 2</b> (Chair: Amy Slender)	Scott Theatre (Room 2) Evolution and temperature (Chair: Ondi Crino)	Kerr Grant Lecture Theatre (Room 3) Evolution: not classified elsewhere (Chair: Alistair Senior)
11:15	<b>Patrice Pottier</b> Vulnerability of amphibians to global warming	Amanda Pettersen Intergenerational plasticity aligns with temperature- dependent selection on offspring metabolic rates	Fabian C. Salgado-Roa Drivers of colour polymorphism in a colourful widespread spider
11:30	Carmen da Silva Local climate change velocity and evolutionary history explains multidirectional range shifts in North American butterflies	Jigmidmaa Boldbaatar Effects of heat shock stress on egg hatching success in Megacrania batesii (Phasmatodea: Phasmatidae)	<b>Christopher Barker</b> Evolution of Ageing is driven adaptive gains
11:45	Yun Li Evolution across adaptvie landscape in a hyperdiverse beetle radiation	Md Mahmud Al Hasan Effects of inbreeding and stressful developmental temperatures on guppy fitness	Daisuke Kyogoku Evolution of realized niche breadth diversity driven by community dynamics
12:00	<b>Diego Garcia-Bellido</b> Australian Ediacaran & Cambrian contribution to Evolution	<b>Ros Gloag</b> A population genetic timeline of a natural insect invasion	Masato Yamamichi Prey rapid evolution promotes fluctuation-dependent species coexistence
12:15	<b>Doaa Doudin</b> Evolution of subtelomeres in birds and reptiles	Diego de Moura Campos Synergistic effects of diet restriction and temperature on guppy development	Devi Stuart-Fox From bioinspired to bioinformed: materials science meets evolutionary biology

Friday	Tag Team Talks 2
Afternoon	Scott Theatre
13:30 - 14:30	Australian Centre for Ancient DNA Recent Advances in Ancient DNA

Friday		Standard talks (10mins + 3 mins questions)	
Afternoon	Darling West G14 Lecture Theatre (Room 1) Sexual selection 2 (Chair: Pietro Pollo)	Scott Theatre (Room 2) Morphological Evolution 3 (Chair: Vera Weisbecker)	
14:30	Megan Folwell Co-evolution of genitalia in Northern Pacific rattlesnakes (Crotalus oreganus)	Sarin (Putter) Tiatragul Spags and Snags: morphological evolution of Australian blindsnakes	
14:45	<b>Bruno Buzatto</b> Mating behaviour in the Sydney funnel-web spider and the evolution of clasping structures in mygalomorph spiders	<b>Tamika Nash-Hahn</b> Sequential scales: New perspectives on snake axial evolution	
15:00	Tom Allison Sexual selection shapes the evolution of mitochondrial efficiency	Yasmin Asar Testing the link between molecular and morphological rates of evolution	
15:15	Martin Whiting Evolution of a conspicuous dynamic visual signal in an introduced chameleon"	Estefany Karen Lopez Estrada Testing the punctuated equilibria model using morphological and molecular data"	

Friday	Flash talks (3 minutes, no questions)
Afternoon	Scott Theatre
16:00 - 17:00	Jasmine Towle
	Aubrey Keirnan
	Chenke Zang
	Austin Fitzpatrick
	Lorenzo Ricolfi
	Melissa Hernandez Poveda
	Lucy Ockert
	Adi Nugroho
	Veerabhadra (Raju) Dantuluri
	Lynea Witczak Oldfather
	Tariq Ezaz
	Marcus Michelangeli

### Conference dinner

Friday	Conference dinner
19:00	Peter Rabbit 234-244 Hindley St