

14th ECOLOGY AND BEHAVIOUR CONFERENCE: TOULOUSE, 19-24 MAY 2019

Time	Monday	Tuesday	Wednesday	Thursday
	<i>Sexual Selection & Parental care</i>	<i>Phylogenetics & Population Genomics</i>	<i>Cognition – Learning & Memory</i>	<i>Interspecific Interactions</i>
8:45 – 9:30	Etienne Danchin - The role of behaviour in heredity: towards the Inclusive Evolutionary Synthesis	Knud Jønsson - Systematics, biogeography and evolution of Indo-Pacific birds	Audrey Dussutour - Simple form of learning in non-neural organisms, evidence from slime molds	Camille Bonneaud - Rapid host and pathogen co-evolution following a severe emerging infectious outbreak
9:30 – 9:45	Tom Ratz - Should parents reduce or increase parental care when facing infection?	Julia Dupin - Historical biogeography and the evolution of environmental niche in <i>Datureae</i> (Solanaceae)	Maxime Cauchois - The Openfeeder: an automated RFID feeder to measure consistent individual differences in behaviour and cognition in wild birds	Anna Radwańska - Smooth diet on smooth brome? Not so much of a generalist as considered
9:45 – 10:00	Tiffany Armstrong - Does maternal mouthbrooding influence aggression and brain anatomy in adult fish?	Alexandre Rejaud - Transition from the Pebas system to the modern Amazon drainage is a key period in the diversification of the frog genus <i>Allobates</i> (Aromobatidae)	Laure Cauchard - Cognitive senescence correlates to age-related decline in reproductive success in wild great tit <i>Parus major</i>	Sandra Baksay - Pollination network analysis by environmental metagenomics
10:00 – 10:15	Nicolas Meyer - Parental investment in nest attentiveness reduces nest predation in arctic sandpipers	Gabriele Sgarlata - Genetic consequences of habitat loss and fragmentation: a spatial perspective from large to small scale	Celine Rochais - Cognitive performance and seasonal changes in blood glucose levels in striped mice (<i>Rhabdomys pumilio</i>)	Arnod Zambre - Asymmetric agnostic character displacement in fan-throated lizards
10:15 – 10:30	Anna Friedel - Extended maternal care as a potential precursor to sociality in the orchid bee <i>Euglossa viridissima</i>	Maria Recuerda - Rapid habitat-related genomic divergence in a songbird following the colonization of a small oceanic island	Severine Trannoy - Learning from fights: consequences of agonistic encounters in male <i>Drosophila melanogaster</i>	Rachel Dale - Interactions between free-ranging dogs and humans in Morocco; do all dogs understand humans?
10:30 – 11:00	Coffee break	Coffee break	Coffee break	Coffee break
11:00 – 11:15	Stotra Chakrabarti - Cat Fight Amongst the Sexes: social organisation and spacing patterns dictate promiscuity in Asiatic lionesses	Jordi Salmons - Covariation of genetic diversity in forest dwelling nocturnal lemurs	Aurélie Muria - Neurobiology of Memory Facilitated by Social Context in <i>Drosophila melanogaster</i>	Vishwadeep Mane - Microbial progression in the rhizosphere of <i>Coriandrum sativum</i> grown in an arid region like Solapur
11:15 – 11:30	Luisana Carballo - Evidence of sperm competition among parrots	Lisa Fournet - Genetic-phenotypic intraspecific diversity covariation in structured landscapes: An empirical test of underlying determinants	Miléna Trösch - Horses take into account whether a human has previously observed a food-hiding event to decide whom to beg from	Kevin Liautaud - The role of ecosystem engineers in shaping community patterns along spatial environmental gradients
11:30 – 11:45	Komal Maggu - Sexual selection and evolution of phenotypic plasticity in reproductive behavior	Camille Le Roy - Linking wing shape and flight behaviour in Morpho butterflies	Laurie O'Neill - Causal Understanding of Stick and Stone Tool Use in Macaws	Nilanjan Chatterjee - Mesopredator spatial and temporal response to large-predators and anthropogenic activities in a Central Indian Reserve
11:45 – 12:00	Timothée Zidat - Does anal gland scent of Alpine marmots encode genetic make-up?	Jade Bruxaux - Are dry-cured meat <i>Penicillium</i> fungi special?	Scarlett Howard - Basic arithmetic and use of symbolic rules by an insect	Yuanquan Quan - How birds, bats and ants interact with arthropod herbivores and herbivory in a tropical rainforest understory and canopy
12:00 – 12:45	Charlotta Kvarnemo - True love? Understanding the evolution of monogamy	Ludovic Orlando - Tracking six millennia of horse selection, admixture and management with complete genome time-series	Alice Auersperg - Innovative tool use and manufacture in the Goffin's cockatoo	Frédéric Santoul - What about trophic interactions between native and non-native predatory fishes?
12:45 – 14:00	Lunch	Lunch	Lunch	Lunch

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	Ecophysiology/Ecotoxicology	Social Interactions & Transmission		Conservation & Global Change Ecology
14:00 – 14:45	Mathieu Giraudeau – Wildlife Cancer	Mike Wilson - Changing the Game: Evolution, Ethics, and Human Domination of the Planet		Camille Parmesan - Impacts of climate change on wild species: From global patterns to local processes
14:45 – 15:00	Jeffrey Carbillet - Refuges and context-dependent effect of anthropogenic structures on the stress level of a wild ungulate	Joffrey Planckaert – A spatiotemporal analysis of the food dissemination process and the trophollactic network in the ant <i>Lasius niger</i>		Kris Sales - Putting the heat on insect reproduction: understanding how heatwaves impact male fertility
15:00 – 15:15	Jeremie Souchet - Effects of high-altitude hypoxia in snake development and plasticity	Melissa Peignier – Dishonesty in begging signal is shaped by colony kin structure in <i>Formica</i> ants		E-Ping Rau - Resilience of tropical forests to cyclones: an individual-based model simulation approach
15:15 – 15:30	Fanny Louis - Seasonal modulations of energy metabolism in the freshwater mussel, <i>Dreissena polymorpha</i>	Juliette Tariel – Developmental and transgenerational carry-over effects on behavioural reaction norms of the freshwater snail <i>Physa acuta</i> in response to predation		Sophie De Grissac - Best restaurant at sea: seabirds and humans sharing space and food
15:30 – 15:45	Mar Pineda - The effect of elevated temperature on the physiology and swimming behaviour of the european minnow	Adrian Barrero – Who is in my house? Territory defense in a steppe passerine responding to playback intrusion		Christophe Sauser - Unravelling the relative importance of top-down and bottom-up environmental effects driving vital rates accord
15:45 – 16:15	Coffee break	Coffee break		Coffee break
16:15 – 16:30	Ombeline Sculfort - Evolution of chemical defense in mimetic Heliiconiini butterfly communities	Florian Ruland – Common eider (<i>Somateria mollissima</i>) behavioural shifts in response to the invasive American mink (<i>Neovison vison</i>) in West Iceland		Ana Sanz-Pérez - No place like home? A test of the natal habitat-biased dispersal hypothesis in Scandinavian wolves
16:30 – 16:45	Samuel Boff - Stress-related behavioural changes may affect bee-plant network interactions. An experimental study with solitary bees and artificial flowers	Beth Preston – Inter-group conflict, cooperation and social relationships in wild banded mongooses (<i>Mungos mungo</i>)		Laura Gervais - Genomic Relatedness Matrix allows to untangle genetic and environmental components of behaviour in non-model free ranging populations: a case study in roe deer
16:45 – 17:00	Karolina Sunjog - Monitoring of environmental pollution: combination of various bioassays	Anna Selbmann – Comparison of the pulsed call repertoires of killer whales (<i>Orcinus orca</i>) in Iceland and Norway		Monica Lanzas - Designing a network of Green Infrastructure to enhance the conservation value of protected areas and maintain ecosystem services
17:00 – 17:15	Lauris Evariste - Gut microbiota and host-related responses of <i>Xenopus laevis</i> tadpoles exposed to nanoparticles	Violette Chiara - From social to solitary life: which mechanisms trigger the loss of tolerance in spiderlings?		Ivan Paz-Vinas - Systematic conservation planning for intraspecific genetic diversity
17:15 – 18:00	Lieven Bervoets - Reliability of Environmental Quality Standards. The curse of bioavailability	Lucy Aplin - Experimenting with culture: tracking the spread and persistence of innovation in birds		Mike Bruford - Monitoring genetic erosion: why it matters and what are the prospects?
18:00 – 20:00		Poster Session		