

ECBB 2018

LIVERPOOL

European Conference on Behavioural Biology

9 - 12 August 2018

Timetable



Association
for the
Study of
Animal
Behaviour



animals

an Open Access Journal by MDPI

THE
ROYAL
SOCIETY
PUBLISHING



Ethologische
Gesellschaft e.V.

wildlife 

ACOUSTICS

WILDLIFEACOUSTICS.COM

ZANTIKS

behaviour, simply

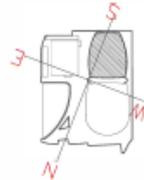
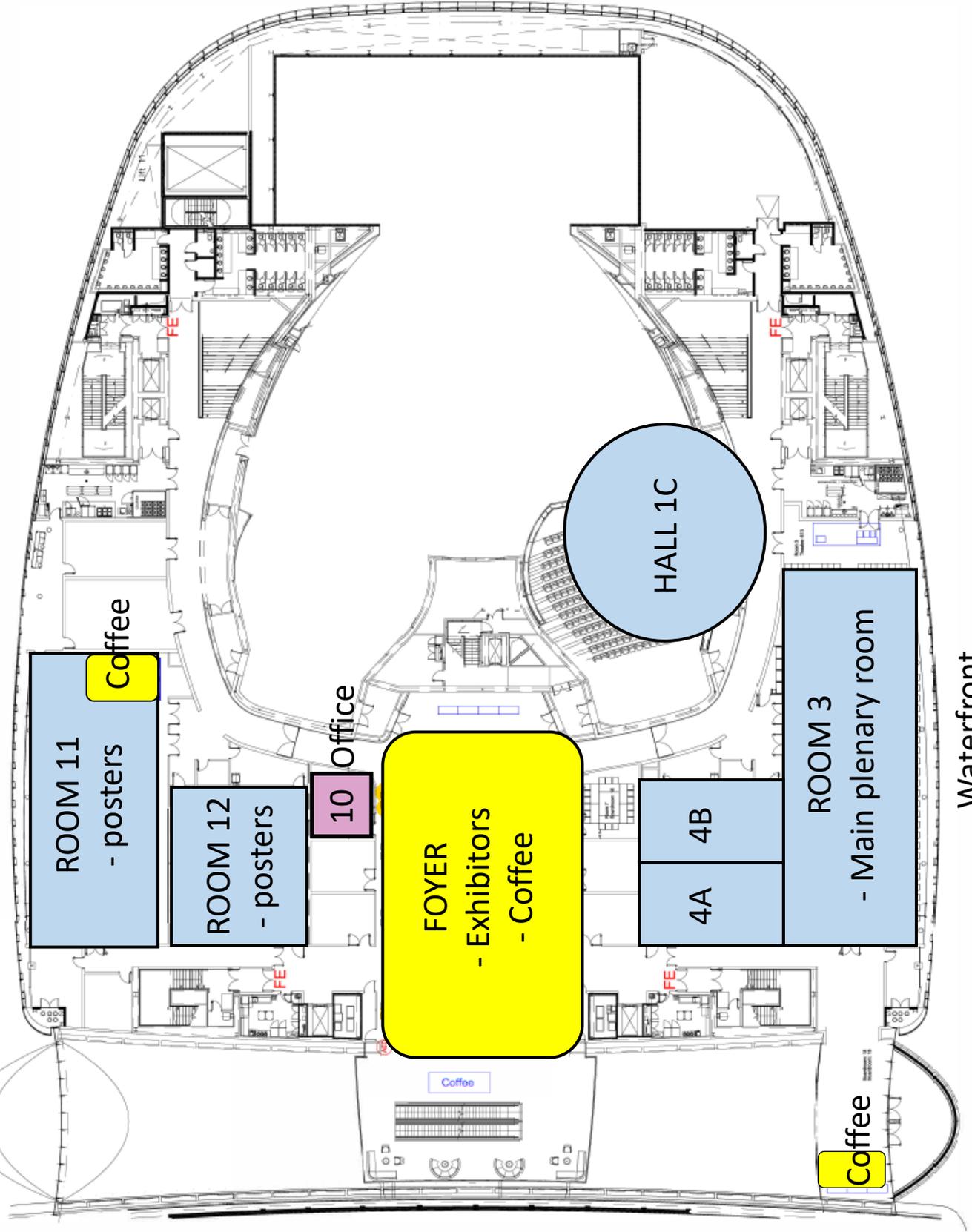
 PLOS | ONE

 LIVERPOOL
JOHN MOORES
UNIVERSITY

 loopbio
QUANTITATIVE BIOLOGY

Main entrance

First floor arrangement



Date of Issue	: 05.12.2016
Version / Revision	: A/B
Scale	@ A3
Event	: EC3B
Event Date	: Friday 20th - Sunday 21th August 2016
Location	: Level 2
Speccs	: 75 Double Sided Poster Boards

Waterfront

Thursday 9th August - Redmonds Building, Liverpool John Moores University, Brownlow Hill, L3 5UG

15:00 - 17:30	Welcome reception and registration
17:00 - 17:30	Welcoming remarks (Large Lecture Theatre)
17:30 - 18:30	Plenary 1: Mike Mendl (Large Lecture Theatre)
19:30	Student social evening (Dough bar)

Friday 10th August - ACC Liverpool, Kings Dock, L3 4FP

08:00 - 09:00	Registration
09:00 - 09:15	Welcome announcements (room 3)
09:15 - 10:15	Plenary 2: Barbara Taborsky (room 3)
10:15 - 10:45	Coffee break
10:45 - 13:00	Oral session 1 (4 parallel sessions: rooms 1C, 3, 4A, 4B)
13:00 - 14:30	Lunch break
14:00 - 14:30	Animal Behaviour journal information (room 3)
14:30 - 16:30	Poster session (rooms 11 & 12)
16:30 - 17:00	Coffee break
17:00 - 19:00	Oral session 2 (4 parallel sessions: rooms 1C, 3, 4A, 4B)

Saturday 11th August - ACC Liverpool, Kings Dock, L3 4FP

09:00 - 09:15	Announcements (room 3)
09:15 - 10:15	Plenary 3: Andrew King (room 3)
10:15 - 10:45	Coffee break
10:45 - 12:45	Oral session 3 (4 parallel sessions: rooms 1C, 3, 4A, 4B)
12:45 - 14:30	Lunch break
13:30 - 14:30	ASAB AGM (room 3)
14:30 - 16:15	Poster session (rooms 11 & 12)
16:15 - 16:45	Coffee break
16:45 - 18:45	Oral session 4 (4 parallel sessions: rooms 1C, 3, 4A, 4B)
19:15	Social dinner & ASAB medal winner presentation (Royal Liver building)

Sunday 12th August - ACC Liverpool, Kings Dock, L3 4FP

09:00 - 09:15	Announcements
09:15 - 10:15	Plenary 4: Amanda Seed (room 3)
10:15 - 10:45	Coffee break
10:45 - 12:45	Oral session 5 (4 parallel sessions: rooms 1C, 3, 4A, 4B)
12:45 - 14:00	Lunch break
14:00 - 15:00	Niko Tinbergen award: Jorg Massen (room 3)
15:00 - 16:00	Plenary 5: Judy Stamps (room 3)
16:00	Closing ceremony and student prizes (room 3)

Thursday 9th August; Redmonds building, Liverpool John Moores University, Brownlow Hill, L3 5UG

Time	Name	Title	Room
15:00 - 18:30	Welcome reception and plenary 1		
15:00 - 17:00	Welcome reception and registration		
17:00 - 17:30	Welcoming remarks		
17:30 - 18:30	- Mike Mendl, University of Bristol	<i>Animal affect and decision-making</i> (chair: Emily Bethell)	LLT
19:30	Student social and pub quiz (Dough Bar, Skelhorne St, Liverpool L3 5GA)		

Friday 10th August; ACC Liverpool, Kings Dock, L3 4FP

Time	Name	Title	Room
08:00 - 09:00	Registration		
09:00 - 10:15	Announcements & plenary 2		
09:15 - 10:15	- Barbara Taborsky, University of Bern	<i>The emergence of social phenotypes: Plasticity matters</i> (chair: Adam Reddon)	3
10.15 - 10.30	Coffee break		
10:45 - 13:00	Oral session 1		
			Room
Parallel session 1A - Symposium: Social instability: Direct fitness consequences and underlying physiological mechanisms (chair: Loren Hayes)			
10:45 - 11:05	- Loren Hayes, University of Tennessee at Chattanooga	<i>Social instability: A mini-review</i>	3
11:05 - 11:25	- Adriana Maldonado-Chaparro, MPI Ornithology	<i>Repeated disturbances affect the social dynamics of group behaviour in a colonial bird</i>	3
11:25 - 11:45	- Liesbeth Sterck, Utrecht University	<i>The formation male-female good relationships after male immigration in rhesus macaques</i>	3
11:45 - 12:05	- Luis Ebensperger, Universidad Católica de Chile	<i>Social instability decreases communal care and interferes with the ability of mothers to buffer offspring</i>	3
12:05 - 12:25	- Norbert Sachser, University of Muenster	<i>The effects of social instability on behavioural phenotype: neuroendocrine mechanisms and adaptive significance</i>	3
12:25 - 12:45	- Beatrice Downing, University of Exeter	<i>Disruption and disease in social networks: social behaviour, changes following culling and their implications for disease transmission</i>	3
Parallel session 1B - Symposium: Emerging techniques in the study of behavioural plasticity (chairs: Maria Larriva, Valeria Marasco, Karen Spencer)			
10:45 - 11:05	- Valeria Marasco, Konrad Lorenz Institute of Ethology	<i>Integrative biology: a critical step forward to unravel the molecular mechanisms generating behavioural plasticity</i>	1C
11:05 - 11:25	- Todd Roberts, UT Southwestern Medical Center	<i>Windows into How the Brain Learns Vocalizations: Imaging and Optogenetic Methods in Songbirds</i>	1C
11:25 - 11:45	- Graham Richardson, University of Lincoln	<i>Investigating Protean Anti-Predator Behaviour Using Virtual Reality</i>	1C
11:45 - 12:05	- Narjis Kraimi, Université François Rabelais Tours	<i>From genotype to phenotype: influence of the gut microbiota in Japanese quails (Coturnix japonica)</i>	1C
12:05 - 12:25	- Marine Parker, INCI (CNRS)	<i>Locomotor activity and feeding rhythms of indoor and outdoor cats living in captivity</i>	1C
12:25 - 12:45	-	Discussion	1C
Parallel session 1C - Behavioural Ecology theme (chair: Tom Price)			
10:45 - 11:05	- Maria Cristina Tello-Ramos, University of St Andrews	<i>Hummingbirds change their foraging routes to avoid low concentration flowers</i>	4A
11:05 - 11:25	- Sean Rands, University of Bristol	<i>Bumblebees distinguish floral scent patterns, and can transfer these to visual patterns</i>	4A
11:25 - 11:45	- Judith Janisch, University of Veterinary Medicine Vienna	<i>Insights into the behavioural flexibility to spatial alterations in the courtship dance of golden – collared manakins (Manacus vitellinus).</i>	4A
11:45 - 12:05	- Barbora Zampachova, Charles University	<i>Does commensalism and subspecies affect exploratory behaviour in mice: A comparison of three populations in a battery of five exploration tests</i>	4A
12:05 - 12:25	- Sacha Engelhardt, University of Bern	<i>Grandmother effects in a pre-industrial human population: assessing the potential for cooperation to improve inclusive fitness</i>	4A
12:25 - 12:45	- Kasim Rafiq, Liverpool John Moores University	<i>Optimal scent marking strategies for African leopards</i>	4A
12:45 - 13:00	- Sally Keith, Lancaster University	<i>Macroecology of reef fish aggression</i>	4A
Parallel session 1D - Social Behaviour theme (chair: Judy Stamps)			
10:45 - 11:05	- Anna Wilkinson, University of Lincoln	<i>Lateralised eye use during social information acquisition</i>	4B
11:05 - 11:25	- Shirley Raveh, University of Glasgow	<i>Oddity, predation risk, and social decisions in aquatic invertebrates</i>	4B
11:25 - 11:45	- Alice Baniel, Institute for Advanced Study in Toulouse	<i>Jealous females? Female competition over paternal care in a wild promiscuous primate</i>	4B
11:45 - 12:05	- Kathryn Arnold, University of York	<i>Individual flexibility in group foraging behaviour of Reef Manta Rays (Mobula alfredi)</i>	4B
12:05 - 12:25	- Hanja Brandl, University of Hamburg	<i>Information use in wild zebra finches – strategies of prospecting and its informational value</i>	4B
12:25 - 12:45	- Liisa Hämäläinen, University of Cambridge	<i>Social learning within and across predator species facilitates the evolution of aposematic prey</i>	4B
12:45 - 13:00	- Erin Siracusa, University of Guelph	<i>The lasting effects of 'dear enemies': stable social relationships have fitness benefits for a territorial squirrel</i>	4B
13:00 - 14:30	Lunch Break		

Friday 10th August; ACC Liverpool, Kings Dock, L3 4FP

			Room
14:00-14:30	Animal Behaviour journal information		3
14:30 - 16:30	Poster session		11,12
16:30 - 17:00	Coffee Break		Foyer
17:00 - 19:00	Oral session 2		
Time	Name	Title	Room
Parallel session 2A - Symposium: Individual identity signalling in animals: Biology of individual distinctiveness and its applications (chair: Pavel Linhart)			
17:00 - 17:20	- Pavel Linhart, Adam Mickiewicz University	<i>How to measure individual identity in animal signals</i>	1C
17:20 - 17:40	- Jane Hurst, University of Liverpool	<i>Polymorphic MUPs (major urinary proteins) provide individual identity signatures in murine scents</i>	1C
17:40 - 18:00	- Olga Sibiryakova, Lomonosov Moscow State University	<i>Mother – offspring communication in three ungulate species: which factors might influence the individuality of contact calls?</i>	1C
18:00 - 18:20	- Tereza Petruskova, Charles University	<i>Individual acoustic monitoring as a tool to study behavioural ecology of passerines</i>	1C
18:20 - 18:40	- Sándor Zsebok, Eötvös Loránd University	<i>Acoustic individuality in a culturally transmitted trait: time and geographical scale dependency on different organization levels in the song of collared flycatcher (<i>Ficedula albicollis</i>)</i>	1C
18:40 - 19:00	- Dan Stowell, Queen Mary University of London	<i>Machine learning for general bioacoustic individual identity recognition: perspectives</i>	1C
Parallel session 2B - Symposium: The role of hormones in mediating behavioural phenotypic plasticity to anthropogenic change (chair: Wolfgang Goymann)			
17:00 - 17:20	- Karen Spencer, University of St Andrews	<i>Pre-natal exposure to anthropogenic sound generates a risk prone post-natal phenotype in the Japanese quail</i>	3
17:20 - 17:40	- Ton Groothuis, University of Groningen	<i>Prenatal embryonic plasticity in hormone regulation: a potential tool for adaptation to anthropogenic change?</i>	3
17:40 - 18:00	- Frédéric Angelier, CEBC/CNRS	<i>Stress in the city: Hormonal, behavioral, and fitness consequences of urbanization in wild birds</i>	3
18:00 - 18:20	- Olivier Chastel, CEBC/CNRS	<i>Endocrine and fitness consequences of contaminants exposure in polar seabirds</i>	3
18:20 - 18:40	- Suzanne Mills, University of Perpignan	<i>Hormonal and behavioural responses of coral reef organisms to anthropogenic stressors</i>	3
18:40 - 19:00	- Maria Reyes Contreras, University of Bern	<i>Phenotypic engineering alters stress axis programming and social competence</i>	3
Parallel session 2C - Personality theme (chair: Paula Stockley)			
17:00 - 17:20	- Cristina Acasuso-Rivero, University of Cambridge	<i>Factors affecting dolphin personality traits in captivity</i>	4A
17:20 - 17:40	- Lisa Wallis, Eötvös Loránd University	<i>Cognition and personality in dogs</i>	4A
17:40 - 18:00	- Melanie Dammhahn, University of Potsdam	<i>Life in the city: behavioural adaptations of voles and mice to urban environments</i>	4A
18:00 - 18:20	- Georgina Eccles, Liverpool John Moores University	<i>Cognition for conservation: Supplementing conservation research through insights of a specialist birds' responses to novelty</i>	4A
18:20 - 18:40	- Christos Ioannou, University of Bristol	<i>Regulation between personality traits: Individual social tendencies modulate whether boldness and leadership are correlated</i>	4A
18:40 - 19:00	- Stephanie Harris, University of Liverpool	<i>Personality and foraging specialisation in an Arctic predator species</i>	4A
Parallel session 2D - Conservation & Welfare themes (chair: Liesbeth Sterck)			
17:00 - 17:20	- Isabelle Szott, Liverpool John Moores University	<i>Wildlife tourism impact on wild African elephants, <i>Loxodonta africana</i></i>	4B
17:20 - 17:40	- Caitlin Andrews, University of Cambridge	<i>Foraging for a foothold in a novel environment: using conservation translocations to test for individual variation</i>	4B
17:40 - 18:00	- Giovanni Villa, University Sains Malaysia	<i>Exploring the role of <i>Macaca nemestrina</i> as seed dispersers</i>	4B
18:00 - 18:20	- Ludwig Huber, University of Veterinary Medicine Vienna	<i>The relationship between stress, motivation and cognitive performance in Kune Kune pigs</i>	4B
18:20 - 18:40	- Benjamin Lecorps, UBC	<i>Feeling lucky? Dairy calves don't like to gamble when in pain</i>	4B
18:40 - 19:00	- Paul Rose, University of Exeter	<i>Considering behaviour 24/7; nocturnal activity and animal welfare in the zoo</i>	4B

Saturday 11th August; ACC Liverpool, Kings Dock, L3 4FP

09:00 - 10:15 Announcements & plenary 3			Room
09:15 - 10:15	- Andrew King, Swansea University	<i>Come Together: Sociality, Heterogeneity, Organisation and Leadership in Animal Societies</i> (chair: Nicola Koyama)	3
10:15 - 10:45	Coffee break		Foyer
10:45 - 12:45 Oral session 3			Room
Time	Name	Title	
Parallel session 3A - Symposium: Animal personality: providing new insight into behaviour? (chair: Vanessa Wilson)			Room
10:45 - 11:05	- Kate Laskowski, Leibniz-Institute of Freshwater Ecology & Inland Fisheries	<i>The developmental and social drivers of behavioural individuality in a clonal fish</i>	3
11:05 - 11:25	- Anja Guenther, Bielefeld University	<i>Development and function of animal personality in wild cavies</i>	3
11:25 - 11:45	- Drew Altschul, University of Edinburgh	<i>Personality links with lifespan in chimpanzees</i>	3
11:45 - 12:05	- Oyvind Overli, Norwegian University of Life Sciences	<i>Role of phenotypic plasticity for animal welfare and contrasting stress coping styles</i>	3
12:05 - 12:25	- Martin Seltmann, University of Turku	<i>Using personality data to improve the management and welfare of a semi-captive population of Asian elephants of Myanmar</i>	3
12:25 - 12:45	-	Discussion	3
Parallel session 3B - Symposium: Cooperative interactions in fishes (chair: Stefan Fischer)			Room
10:45 - 11:05	- Joachim Frommen, University of Bern	<i>Cooperative interactions in fishes</i>	1C
11:05 - 11:25	- Riva Riley, University of Cambridge	<i>Coping with strangers: how familiarity and active interactions shape group coordination in <i>Corydoras aeneus</i></i>	1C
11:25 - 11:45	- Niclas Kolm, Stockholm University	<i>Correlated changes in behavior and cognition during artificial selection on schooling behavior in the guppy</i>	1C
11:45 - 12:05	- Melisande Aellen, University of Neuchâtel	<i>Experimental evidence that uninvolved bystanders punish cheats in fish</i>	1C
12:05 - 12:25	- Ines Braga Goncalves, University of Bristol	<i>Territorial defence participation and post-conflict relationship management in a cooperatively breeding cichlid</i>	1C
12:25 - 12:45	- Dario Josi, University of Bern	<i>Predation risk affects polygyny in cooperative breeders</i>	1C
Parallel session 3C - Behavioural Ecology theme (chair: Fred Angelier)			Room
10:45 - 11:05	- Rita Fragueira, University of Greifswald	<i>Temperature-induced behavioural variation in the polymorphic Gouldian finch</i>	4A
11:05 - 11:25	- Caterina Funghi, University of Hamburg	<i>Extreme climate events induce foraging behavioural changes and heat stress in wild zebra finches</i>	4A
11:25 - 11:45	- Susanna van Donk, Royal Netherlands Institute for Sea Research	<i>Energetic consequences of foraging in different habitats</i>	4A
11:45 - 12:05	- Valeria Mazza, University of Potsdam	<i>Individual variation in cognitive styles is reflected in foraging and anti-predatory strategies in a small mammal.</i>	4A
12:05 - 12:25	- Ed Parker, Liverpool John Moores University	<i>Living in a landscape of fear: behavioural flexibility of an aboreal primate in response to the spatial and temporal variation in predation risk and resource</i>	4A
12:25 - 12:45	- Russell Hill, Durham University	<i>Integrating leopards into the landscape of fear: impact on chacma baboon range use and behaviour</i>	4A
Parallel session 3D - Evolution of Behaviour theme (chair: Alice Auersberg)			Room
10:45 - 11:05	- Thomas Price, University of Liverpool	<i>The evolution of masturbation in birds</i>	4B
11:05 - 11:25	- Joseph Cooper, Queen Mary University of London	<i>Tenerife chaffinches learn songs slower than British chaffinches</i>	4B
11:25 - 11:45	- Kristina Kverková, Charles University	<i>Cellular composition and processing capacity of reptile brains in comparison with other amniotes</i>	4B
11:45 - 12:05	- Sabine Tebbich, University of Vienna	<i>Host versus parasite: recent changes in the host-parasite interaction between Darwin's finches and the invasive ectoparasite, <i>Philornis downsi</i></i>	4B
12:05 - 12:25	- Pavel Nemeč, Charles University	<i>Neuronal Numbers in Avian Pallium: Implications for Evolution of Bird Intelligence</i>	4B
12:25 - 12:45	- Claudia Fichtel, German Primate Center	<i>The lemur baseline! How lemurs compare to monkeys and apes in a comprehensive cognition test battery</i>	4B
12:45 - 14:30	Lunch Break		
13:30 - 14:30	ASAB AGM		3

Saturday 11th August; ACC Liverpool, Kings Dock, L3 4FP

14:30 - 16:15	Poster session		11,12
16:15 - 16:45	Coffee Break		Foyer
16:45 - 18:45	Oral session 4		
Time	Name	Title	Room
Parallel session 4A - Symposium: Acoustic signature in animal vocalisations (chairs: Livia Favaro, Marco Gamba, Marina Scheumann)			
16:45 - 17:05	- Vincent Janik, University of St Andrews	<i>Bottlenose dolphin signature whistles are learned, representational identity signals</i>	3
17:05 - 17:25	- Julie Oswald, University of St Andrews	<i>Do dolphin whistles carry information about species identity?</i>	3
17:25 - 17:45	- Livio Favaro, University of Turin	<i>Rhythmic signatures in the display songs of the African penguin</i>	3
17:45 - 18:05	- Maxime Garcia, University of Lyon	<i>Punctuated evolution of information in a communication signal</i>	3
18:05 - 18:25	- Marina Scheumann, University of Veterinary Medicine Hannover	<i>Encoding individual identity in mammalian vocalizations: A comparative approach</i>	3
18:25 - 18:45	- Marco Gamba, University of Turin	<i>Acoustic cues to species and caller identity in the short- and long-distance vocalisations</i>	3
Parallel session 4B - Symposium: The trade-offs of honest signals; Networks/Other theme (chair: Dustin Penn)			
16:45 - 17:05	- Dustin Penn, Konrad Lorenz Institute of Ethology	<i>The trade-offs of honest signals</i>	1C
17:05 - 17:25	- Szabolcs Számadó, MTA Centre for Social Science	<i>One problem, too many solutions: How costly is honest signalling of need?</i>	1C
17:25 - 17:45	- Jose Cuervo, Museo Nacional de Ciencias Naturales	<i>The cost of producing sexual chemical signals by male Carpetan rock lizards: consequences for reproductive success</i>	1C
17:45 - 18:05	- Stefan Fischer, University of Liverpool	<i>Competitive signalling and reproductive success in female house mice</i>	1C
18:05 - 18:25	- Agata Kokocinska, IGHZ PAS	<i>Olfactory training in mice.</i>	1C
18:25 - 18:45	- Christina Stanley, University of Chester	<i>Social networks and welfare in captive Livingstone's fruitbats</i>	1C
Parallel session 4C - Behavioural Genetics & Early Development themes (chair: Pavel Němec)			
16:45 - 17:05	- Carina Bodden, University of Münster	<i>Shaping of behavioural phenotypes in mice: The role of experiences during the life time, serotonin transporter genotype and epigenetic modifications</i>	4A
17:05 - 17:25	- Jasmine Loveland, MPI Ornithology	<i>Characterizing functional consequences of the Ruff inversion: tissue-specific gene expression across three genetically determined male morphs</i>	4A
17:25 - 17:45	- David Wells, Liverpool John Moores University	<i>A vortex of inbreeding depression: the interplay between inbreeding depression and offspring care in a cooperative mammal</i>	4A
17:45 - 18:05	- Sophie Dupont, University of La Rochelle	<i>Long-term consequences of post-natal corticosterone exposure on metabolism and sexual attractiveness in house sparrows (Passer domesticus).</i>	4A
18:05 - 18:25	- Tobias Zimmermann, University of Münster	<i>Adaptive shaping of behavioural and neuroendocrine phenotypes during adolescence</i>	4A
18:25 - 18:45	- Mukta Watve, University of Bern	<i>Sensory mechanisms of social information transfer between parents and offspring in a cooperatively breeding cichlid</i>	4A
Parallel session 4D - Social Behaviour theme (chair: Jorg Massen)			
16:45 - 17:05	- Michael Taborsky, University of Bern	<i>Olfactory communication of need and helpfulness in reciprocal cooperation of rats</i>	4B
17:05 - 17:25	- Lea Prox, University of Konstanz	<i>Conceptualizing dimensions of sociality reveals both gaps and opportunities</i>	4B
17:25 - 17:45	- Kristine Meise, University of Liverpool	<i>Fear or food: what is driving the formation of mixed species groups?</i>	4B
17:45 - 18:05	- Jordan Martin, Emory University	<i>Prosociality enhances dyadic cooperation in common marmosets (Callithrix jacchus)</i>	4B
18:05 - 18:25	- Jan Naef, University of Bern	<i>Division of Labour in Cooperative Breeders</i>	4B
18:25 - 18:45	- Andreas Rose, University of Ulm	<i>Social learning by following? Testing for communal foraging of mother-pup pairs in a flower-visiting bat species</i>	4B
19:15	Social dinner and ASAB medal presentation (Royal Liver Building, Liverpool Waterfront, L3 1HU)		

Sunday 12th August; ACC Liverpool, Kings Dock, L3 4FP

09:00 - 10:15			Room
Announcements & plenary 4			
09:15 - 10:15	- Amanda Seed, University of St. Andrews	<i>Seeking the Origins of Inquiring Minds - Studies of Causality and Control in Primates and Children</i> (chair: Will Swaney)	3
10:15 - 10:45			Foyer
10:45 - 12:45			
Oral session 5			
Time	Name	Title	Room
Parallel session 5A - Behavioural Ecology theme (chair: Nicolas Kolm)			
10:45 - 11:05	- Alice Auersperg, University of Veterinary Medicine Vienna	<i>Goffin's cockatoos (Cacatua goffiniana) flexibly adjust the length but not the width of their tools to function during tool manufacture</i>	1C
11:05 - 11:25	- Romana Gruber, University of Auckland	<i>New Caledonian crows use planning to solve metatool problems</i>	1C
11:25 - 11:45	- Carolina Doran, Leibniz Institute of Freshwater Ecology & Inland Fisheries	<i>Attack position of two aerial fish predators: Can a generalist outcompete a specialist?</i>	1C
11:45 - 12:05	- Adam Fisher, University of Liverpool	<i>Sexual cannibalism is not part of a behavioural syndrome in <i>Miomantis caffra</i></i>	1C
12:05 - 12:25	- Wolfgang Goymann, MPI Ornithologie	<i>Males paving the way to polyandry? Parental compensation in a monogamous biparental nesting cuckoo</i>	1C
12:25 - 12:45	- Nadine Müller, University of Göttingen	<i>Closing the can of worms - disentangling risk and protective factors for gastrointestinal parasite infections in a nonhuman primate</i>	1C
Parallel session 5B - Social Behaviour theme (chair: Claudia Fichtel)			Room
10:45 - 11:05	- Francis McGlone, Liverpool John Moores University	<i>The Comparative Neurobiology of Gentle Touch: From Lowly Worm to Social Man</i>	3
11:05 - 11:25	- Renata Mazzei, University of Neuchâtel	<i>Does habitat use influence social behaviour and cognition in marine cleaning gobies?</i>	3
11:25 - 11:45	- Julia Ostner, University of Göttingen	<i>Effects of progressing age on social selectivity and behavioural predictability in Barbary macaques</i>	3
11:45 - 12:05	- Harriet Thatcher, Liverpool John Moores University	<i>Anthropogenic pressure and social networks in urban vervet monkeys</i>	3
12:05 - 12:25	- Robin Morrison, University of Cambridge	<i>Multi-level gorilla society</i>	3
12:25 - 12:45	- Nicola Koyama, Liverpool John Moores University	<i>Flexibility of social networks in zoo chimpanzees</i>	3
Parallel session 5C - Communication theme (chair: Tereza Petrusková)			Room
10:45 - 11:05	- Robert Lachlan, Queen Mary University of London	<i>Losing the ability to learn: evolution of song learning in island populations of chaffinches</i>	4A
11:05 - 11:25	- Mireia Plaza, National Museum of Natural Science (CSIC)	<i>Female incubation attendance and nest vigilance reflect social signalling capacity: a field experiment</i>	4A
11:25 - 11:45	- Hazel Nichols, Liverpool John Moores University	<i>Smelling the bun in the oven: Pregnancy is detected by odour in a wild cooperative breeder</i>	4A
11:45 - 12:05	- Nancy Rebout, University of Strasbourg	<i>Comparing the acoustic structure of agonistic vocalizations in tolerant and intolerant macaques: a test of the social complexity hypothesis</i>	4A
12:05 - 12:25	- Claudia Wascher, Anglia Ruskin University	<i>Behavioural responses to conspecific vocalizations in carrion crows: effects of caller identity and context</i>	4A
12:25 - 12:45	- Lucille Le Maguer, LECD, Université Paris Nanterre	<i>Cultural evolution and artificial dialects in zebra finches (<i>Taeniopygia guttata</i>)</i>	4A
Parallel session 5D - Behavioural Physiology theme (chair: Pat Monaghan)			Room
10:45 - 11:05	- Eva Landova, Charles University	<i>Snakes as emotionally salient stimuli for humans: Fear and disgust emotions evoked by snakes</i>	4B
11:05 - 11:25	- Kerstin Thonhauser, University of Veterinary Medicine Vienna	<i>Does strategic sperm production depend upon male quality?</i>	4B
11:25 - 11:45	- Franziska Schaedelin, Veterinary Medicine Vienna	<i>The case of <i>Neolamprologus caudopunctatus</i>: why the greatest house doesn't make you a cooperative fellow</i>	4B
11:45 - 12:05	- Verena Puehringer-Sturmayer, University of Vienna	<i>Paternal stress in successful Northern bald ibis males: Behavioural, physiological and parasite load evidence</i>	4B
12:05 - 12:25	- Alexandra Mutwill, University of Münster	<i>Reshaping of neuroendocrine profiles beyond adolescence</i>	4B
12:25 - 12:45	- Barbara Koenig, University of Zurich	<i>Social partner preference for communal nursing in house mice – the role of oxytocin</i>	4B
12:45 - 14:00			
Lunch break			
14:00 - 16:30			
Niko Tinbergen award, plenary 5 & close			3
14:00 - 15:00	- Jorg Massen, University of Vienna	Niko Tinbergen Award: <i>Studying the evolution of prosociality and cooperation in birds</i>	3
15:00 - 16:00	- Judy Stamps, University of California, Davis	<i>Bayesian development for empiricists</i> (chair: Hazel Nichols)	3
16:00			
Closing ceremony and student prizes			3