

Tuesday 15 August - Morning

	Y-0-111	Lecture Hall 1	Lecture Hall 2	Lecture Hall 3	Lecture Hall 4	Lecture Hall 5	Lecture Hall 7	Lecture Hall 9	Lecture Hall 10	Lecture hall 11
09:00-09:55	Plenary talk <b>Melissa Bateson</b>									
10:00-10:08		General session <b>Cognition (part 2)</b>  Chair: Maelan Tomasek	Symposium W <b>Caring about others: Evidence for empathy in animals (part 1)</b>  Chair: Liza Moscovice	General session <b>Parental care (part 1)</b>  Chair: Eva Ringler	Symposium B <b>Insect behavioural ecology: Insights from lab and field (part 2)</b>  Chair: Julia Balogh	General session <b>Movement and dispersal</b>  Chair: Lukas Eigentler	General session <b>Communication (part 2)</b>  Chair: Stephan Reber	Symposium F <b>Consequences of citizens' behaviour on the welfare in unfamiliar behaviour of wild animals</b>  Chair: Marion Chatelain	Symposium E <b>The challenges of assessing behaviour and welfare in unfamiliar species</b> Chair: Dana Campbell, <b>María J. Cabrera-Álvarez</b>	Symposium X <b>Brain and behaviour: recent paradigms in ethological research</b>  Chair: Chayan Munshi
10:10-10:28		<b>Sara Chaffari</b> Patterns of problem-solving among free-ranging infant Barbary macaques ( <i>Macaca sylvanus</i> ) in different settings	<b>Jessie E.C. Adriaense</b> Challenges in comparative research: from shared emotions to empathy	<b>Revathe Thillalkumar</b> Dimensions of maternal behaviour in wild Sumatran orangutans	<b>Elli Leadbeater</b> Ecology dictates the value of memory for foraging bees	<b>Jefferson Garcia Loor</b> Aggressive Darwin's Finches have smaller Home Range Size: Findings from both range restricted and widespread species	<b>Bibiana Rojas</b> Tadpole communication: the neglected role of visual cues	<b>Slan Moxon</b> Human Nature: combining behaviour-change and design to engage citizens in rewilding urban gardens	<b>Welfare assessment of farmed aquatic species using the fair-fish database: the need for ethological and welfare studies in unexplored</b>	<b>Louise Evans</b> Model-based strategy use in horses during an inhibitory control task.
10:30-10:48		<b>Berkesné Gedal</b> Should I ask for help or solve it by myself? - Dogs' problem solving preferences		<b>Manuela Ferrari</b> Testing for costs of intra-sexual competition on maternal investment	<b>Sanni Silvasti</b> Visual behaviour in the Common grass yellow butterfly	<b>Tithi Paul</b> Understanding fin strokes in manifesting zebrafish ( <i>Danio rerio</i> ) locomotion: a dimension towards arsenic contamination	<b>Subhasmita Patro</b> How do lizards talk? Role of colour and behaviour in animal communication		<b>Nick Jones</b> Development a nuanced understanding of enrichment requirements for laboratory fish	<b>Vedrana Šlipogor</b> Unique, just like everyone else? Integrative approach to personality and learning in common marmosets ( <i>Callithrix jacchus</i> )
10:48-11:20	Coffee break									
11:20-11:38		<b>Anita Szabo</b> Problem solving and physical cognition in two passerine species	<b>Sacha C. Engelhardt</b> Pro-social behaviour in rats may be adaptive	<b>Oliver Schülke</b> Pre- and postnatal maternal effects on various offspring traits suggest mediation via pace of life trade-offs in wild Assamese macaques	<b>Julia Balogh</b> Habitat conditions shape the sugar evaluation of honeybees	<b>Elsa Perinot</b> Energy savings during in-wake flying in free-flying Northern Bald Ibis	<b>Laura Cuaya</b> Dog brains can distinguish between languages	<b>Sabrina Gurten</b> The buzz about saving the bees: How citizens' behavior to protect and conserve bee fauna can negatively impact bee health	<b>Lotte Pohl</b> Where's the fish? Inferring behavioral states of an understudied demersal shark from data storage tags to improve management and	<b>Fay Clark</b> The Capacity for Flow State in Nonhuman Primates
11:40-11:58		<b>Mathieu Malherbe</b> Functional development of stick tool manipulation skills in wild western chimpanzees ( <i>Pan troglodytes verus</i> )	<b>Erik Frank</b> Evolution of Social Wound Care in Ants: from amputations to use of antimicrobials	<b>Marlon Charrier</b> Prenatal maternal stress is associated with behavioural and epigenetic changes in Japanese quail	<b>Madingley Abbs</b> The evolutionary ecology of sibling cannibalism in the wild: putting the ecology back into kin selection theory	<b>Emily Grouit</b> Fission-fusion dynamics in white-nosed coatis	<b>Tamás Faragó</b> The effects of emotional valence and social message on dogs' reactions to the vocalisations of dogs, chimpanzees, and humans	<b>Rebecca Rimbach</b> Human food waste consumption and health of eastern gray squirrels ( <i>Sciurus carolinensis</i> )	<b>Marrit van der Bruggen</b> Housefly behaviour and welfare under mass rearing for livestock feed	<b>Chayan Munshi</b> Initiation of autism spectrum disorder in prawns: correlation with repetitive grooming behaviour
12:00-12:18		<b>Theresa Rössler</b> Tool use in an introduced population of Tanimbar corellas?	<b>Simone Plika</b> Wound care in chimpanzees ( <i>Pan troglodytes troglodytes</i> ) in the wild: Insights into medical cognition and prosociality	<b>Garrido-Priego</b> Hopping up that creek: Movement patterns in glass frogs with and without parental care	<b>Martino Dessart</b> Cognitive abilities in mosquito larvae as indicators of environmental quality	<b>Technosmart</b> Biologging for wildlife research: a few examples from Technosmart devices	<b>Taina Conrad</b> Effects of silenced parents on larvae fitness in biparentally caring beetles	<b>Joanna Sudyka</b> Why do we need dark and wild spaces in cities? Insights from avian studies	<b>Birgit Szabo</b> Starting with the basics – An observational study on enclosure use during single and pair housing in the Tokay gecko ( <i>Gekko gecko</i> )	<b>Angelo Guadagno</b> Revolutionising the methods of brain-cognition research
12:20-12:38		<b>Elsabeth Suwandschleff</b> Kea, bird of versatility. Kea parrots ( <i>Nestor notabilis</i> ) show high behavioural flexibility in solving a demonstrated sequence task	<b>Michaela Masilkova</b> Observation of rescue behaviour in wild boar ( <i>Sus scrofa</i> )	<b>Monli Khera</b> High temperatures in the short- and long-term reduce offspring survival directly and indirectly (through reducing helping behaviour) in banded	<b>David Hug</b> Influence of climate chance and infection on thermal preferences of mosquitoes		<b>Ahana Aurora Fernandez</b> Maternal feedback shapes vocal practice and learning processes in the Greater sac-winged bat	<b>Jack Shutt</b> Garden bird feeding as a catalyst for changes in bird behaviour	<b>Tessa Ellen Smith</b> Welfare assessment in understudied critically endangered Amphibian species using insight from a common laboratory model.	<b>Vanessa Penna Goncalves</b> Exploring the Social Brain Hypothesis in huntsman spiders
12:40-12:58		<b>Stefanie Keupp</b> Chimpanzees evaluate conspecifics' competence in a puzzle box task	<b>Liza R. Moscovice</b> Let me out! A novel group-testing paradigm to explore proximate mechanisms mediating spontaneous helping in pigs		<b>Hansani Sathara Sandukalani Daluwatta Galappathilge</b> Developing Appropriate Methods to Estimate the Predation Pressure on Butterfly Populations		<b>Sophle Holtz</b> Talking Echoes: The communicative potential of functional echolocation calls in the common big-eared bat, <i>Micronycteris microtis</i>		<b>Klara L'Herpinlere</b> Looking beyond western science to understand wildlife	<b>Lars Lewejohann</b> Science of Intelligence: Mouse Lock Box
13:00-14:00	Lunch break									

Tuesday 15 August - Afternoon

	Y-O-111	Lecture Hall 1	Lecture Hall 2	Lecture Hall 3	Lecture Hall 4	Lecture Hall 5	Lecture Hall 7	Lecture Hall 9	Lecture Hall 10	Lecture hall 11
14:00-14:55	Plenary talk <b>Michael Kasumovic</b>									
15:00-15:08		General session <b>Cognition (part 3)</b>  Chair: Judit Abdal	Symposium W <b>Caring about others: Evidence for empathy in animals (part 2)</b>  Chair: Liza Moscovice	General session <b>Predator-prey Interactions (part 1)</b>  Chair: Christopher J.	General session <b>Behavioural ecology (part 2)</b>  Chair: Berta Roura-Torres	General session <b>Animal personality (part 2)</b>  Chair: Ute Radespiel	General session <b>Combined: Neurobiology &amp; Defense</b>  Chair: Amir J. Najafabadi	Symposium AJ <b>Approaches to Innovation and Individual learning of toolmaking</b>  Chair: William Snyder	Symposium N <b>Integration of Behavioural Ecology and Animal Welfare</b>  Chair: Tobias Krause	Symposium V <b>The role of density-dependent behaviour and plasticity in evolutionary dynamics</b> Chair: Maria Molron
15:10-15:28	<b>Matthias Aliritz</b> Information seeking by chimpanzees navigating a virtual environment		<b>Inbal Ben Aml Bartal</b> Effect of social identity on neural and behavioral responses to another rats' distress	<b>Sandra Winters</b> Crypsis and the evolution of <i>Cepaea</i> polymorphism	<b>Judith Jansch</b> Pump and sway: wild primates use compliant supports as a tool to augment leaping in the canopy.	<b>Pauline Zablocki-Thomas</b> Personality of coppery titi monkeys: structure and similarity among pairs, influence of pair duration, offspring and speed-dating pairing	<b>Laura Cuaya</b> Unravelling Brain Representations of Emotional Human Faces in Dogs	<b>Sabine Tebbich</b> Innovative tool making: a conceptual approach	<b>Sara Hintze</b> Don't forget the animal - designing ecologically relevant tasks to assess animals' affective states	<b>Melanie Dammhahn</b> Fluctuations in density-dependent selection drive the evolution of a pace-of-life-syndrome in populations
15:30-15:48	<b>Junyu Li</b> Chimpanzee anticipatory behavior quantified with computer vision			<b>Jim McLean</b> Coevolution of predator-prey behavioural traits: how general is the life-dinner principle?	<b>Debjeet Roy</b> Locomotion profile in a freshwater prawn, <i>Macrobrachium lamarrei</i> : a uniqueness to study	<b>Julia Ostner</b> Personality trait homophily influences social bonding in Barbary macaques ( <i>Macaca sylvanus</i> )	<b>Sabine Nöbel</b> Mate copying requires the coincidence detector Rutabaga in the mushroom bodies of <i>Drosophila melanogaster</i>		<b>Christian Nawroth</b> Taking a species' ecology into account in farm animal cognition research	
15:48-16:20	Coffee break									
16:20-16:38	<b>André Gonçalves</b> Chimpanzees' attention to images of live and dead animals: An animacy bias towards live animals?	<b>Caroline Driscoll-Bradén</b> The communicative antecedents to rodent helping behavior		<b>Inga Gelpel</b> Risky business: Bats prefer courtship movements of katydid	<b>Aurella Strauss</b> Incubating Great Tits ( <i>Parus major</i> ) do not shift their active day in response to additional light at night but potentially at the cost of	<b>Barbara Class</b> Social competition within- and among-species: drivers of pace-of-life in wild passerine birds?	<b>Kavitha Kannan</b> Individual consistency and social regulation of stinging behaviour in honeybees	<b>Sofia Forss</b> Rearing and housing facility affect ape innovation ability	<b>Mirjam Holinger</b> Feeding behaviour: The missing link between pig welfare and pig nutrition research	<b>Anja Guenther</b> Density-dependent effects on survival and reproduction in slow and fast house mouse personality types
16:40-16:58	<b>Kathrin Susanne Kopp</b> Reflected with small mirrors: self-recognition in chimpanzees across the lifespan	<b>Zanna Clay</b> Great apes understand but are not sympathetically aroused by others' needs: A pupillometry experiment with bonobos and chimpanzees		<b>Carolín Dittrich</b> Spot(s) on: larger spots are more effective against predators in an aposomatic amphibian	<b>Jullane Mallly</b> Beyond Trapping: Uncovering the Full Spectrum of Foraging Behaviours in Bees	<b>Matteo Beccardi</b> Does inbreeding affect personality? A study in Japanese quail chicks	<b>Susanne Stückler</b> From masquerading to blending in: ontogenetic shifts in antipredator camouflage in Wallace's flying frogs	<b>Alice Auersperg</b> Associative tool use in the Goffin's cockatoo	<b>Elisa Perinot</b> Laying hens in large groups show little evidence of social affiliation in semi-commercial aviaries	<b>Kalyani Twyman</b> Kin selection of time travel: the social evolutionary drivers and consequences of dormancy
17:00-17:18	<b>Esha Haldar</b> Imitation of 'two-action' task in blue-throated macaws ( <i>Ara glaucogularis</i> )	<b>Marie Bordes</b> The drinking fountain: investigating prosocial behaviour in pigs		<b>Lilja Hämäläinen</b> The protective value of different components of prey deimatic behaviour	<b>Brebner</b> Reframing bee communication: how do honey bees communicate multi-destination routes?	<b>Ben Kawam</b> Personality and Relationships in Animal Social Networks		<b>Mark O'Hara</b> The tool use of wild Tanimbar corella	<b>Louis O'Neill</b> Incorporating behavioural ecology into wildlife husbandry practices	<b>Rutvij Kulkarni</b> Is the fly social? - Allee effects in adult <i>Drosophila melanogaster</i>
17:20-17:38	<b>Yuri Kawaguchi</b> Cross-modal perception of puppies and adult conspecifics in dogs ( <i>Canis familiaris</i> )	<b>Pauline Suchin</b> Prosocial parrots or prosocial paradigm? Blue headed macaws acted prosocial in an instrumental helping task.		<b>Papadopoulou</b> The self-organisation of collective escape in flocks of starlings and pigeons	<b>Darwin Brack</b> Indiana bats in Indiana move to southern hibernacula: Influences of climate and disease	<b>Marko Bračić</b> The ecology of "optimism": exploring potential consequences of judgement bias in mice		<b>Claudio Tennie</b> Individual vs. social learning: a false dichotomy	<b>Sarah Ambruosi</b> Familiarity matters: Sociability in pigs differs between familiar penmates and novel conspecifics in a Novel Peer Test	<b>Barbara Kofler</b> First come, first served: how competition shapes the oviposition behaviour of the Avian Vampire Fly <i>Philonis dawsii</i>
17:40-17:58	<b>Gabriella Smith</b> Susceptibility and bio-behavioral reactions to cognitive illusions in kea ( <i>Nestor notabilis</i> ) and Goffin's cockatoos ( <i>Cacatua goffiniana</i> )	Symposium group discussion		<b>Yuqian Huang</b> Adaptive significance of tail flagging behaviour in European rabbits	<b>Cait Newport</b> Obstacle avoidance: how a coral reef fish, <i>Rhinacanthus aculeatus</i> , uses visual cues to negotiate through a cluttered environment		<b>William Snyder</b> Stone toolmaking: a phylogenetic journey	<b>Maria Vilain Rørvang</b> Odour exploration behaviour of pigs ( <i>Sus scrofa domestica</i> ) points to the importance of the olfactory environment for pig welfare	<b>Tuba Rizvi</b> How population density shapes female preference function	
18:00-20:00	Poster session									