



ECBB 22 – ALL OF LIFE IS SOCIAL Conference Programme

Wednesday 20th July Academiegebouw

14:00-18:00	Registration
15:45-16:00	Welcoming remarks
16:00-17:00	Plenary 1 Franjo Weissing Reconciling mechanistic and functional perspectives on behaviour
17:00-18:00	

Thursday 21st July Oosterpoort

08:00-12:00	Registration		
09:00-10:00	(announcements) Plenary 2 David Anderson <i>tba</i>		
10:05-11:05	Parallel Symposia		
	Individual variation in genetics, physiology and behaviour	The social brain	Open
	<i>Chair: C. Tudorache</i>	<i>R. Oliveira and E. Leadbeater</i>	<i>tba</i>
	10:05-10:25 N. Dingemans	10:05-10:25 R. Oliveira Evolutionary conserved neuromolecular mechanisms of social transmission of fear in zebrafish	10:05-10:20 A. Cantarero Females select male behaviour over infection status when male ornaments do not show infection
	10:35-10:55 A. Ramesh Individual personalities and not the social context predict movement tendencies in three-spined sticklebacks	10:35-10:55 E. Leadbeater Ecology dictates the value of memory for foraging bees	10:25-10:40 V. Chiara Groups are choosier than individuals: shoaling preference for kin and the effect of maternal age
			10:45-11:00 A. Costanzo Extracting a digital sociability score from passive smartphone data
11:05-11:30	Coffee break		
	11:30-11:45 M. Bracic Do optimists choose different environments than pessimists? Studying the ecological relevance of judgement bias in laboratory mice	11:30-11:45 S. Simões Henriques A specialized genetic architecture for social learning in <i>Drosophila melanogaster</i>	11:30-11:45 B. Bonato The social side of action in plants
	11:50-12:05 F. Berlinghieri Do stickleback parents influence the development of personality and brain laterality in their offspring?	11:50-12:05 S. Lanooij Overlapping neurobiological substrate linking sociality and cognition: implications for Alzheimer's Disease	11:50-12:05 T. Dehnen Strategic dominance interactions in vulturine guineafowl
	12:10-12:25 V. Franks Genetic and ecological drivers of early-life social structure in juvenile birds	12:10-12:25 V. Vasas Choosing from the beginning: predispositions enhance learning in inexperienced animals	12:10-12:25 S. Harrower Does distinctiveness enhance the memory of previous help in Norway rats (<i>Rattus norvegicus</i>)?
12:30-13:30	Lunch break		
13:30-14:30	Poster session		
14:30-15:30	Parallel Symposia		
	Individual variation in genetic, physiology and behaviour	Cultural evolution	There is no 'I' in welfare – the social dimension of animal wellbeing
	<i>Chair: C. Tudorache</i>	<i>E. van Leeuwen and C. Schuppli</i>	<i>S. Düpjan and C. Nawroth</i>
	14:30-14:45 A. Guenther Does a change in food quality induce an adaptation in a pace-of-life syndrome within three generations?	14:30-14:50 R. Harrison The Natural History of Conformity	14:30-14:50 J. Edgar The foundations of empathy...in chickens
	14:50-15:05 D. Hebesberger Friends with benefits? Assessment of bond-related social buffering effects and facilitation of exploratory behaviour in domestic horses (<i>Equus caballus</i>)	15:00-15:20 A. Whiten The Extension of Behavioural Biology through Culture: Gene-Culture Coevolution in Animals	15:00-15:20 J-L Rault A stake in the well-being of others: the case of social animals
	15:10-15:25 T. Ratz The rival widows: how prey availability affects individual responses to intraspecific competition in a black widow spider		
15:30-16:00	Tea break		
16:00-17:00	16:00-16:15 P. Shit Hierarchy formation in a clonal ant	16:00-16:15 T. Volle Learning to sing like your neighbours: a long-term field study of the black redstart, <i>Phoenicurus ochruros</i>	16:00-16:15 K. Grethen Social organisation of large and small flocks of chicken: Same same, but different?
	16:20-16:35 U. Urhan Cognitive and behavioural determinants of innovativeness	16:20-16:35 O. Höner The cultural basis of social hierarchies in spotted hyenas	16:20-16:35 L. Oldham Gaze direction early in contests reflects aggressive personality and contest outcome in pigs
	16:40-16:55 E. Wilwert Where I go is what I see? Visual adaptation and matching habitat choice in cichlid fish	16:40-16:55 I. Daras Modelling cultural transmission: do learning mechanisms matter?	16:40-16:55 M. Peyrafort Undercover cuttlefish! Inhibition of the emotional response of <i>Sepia officinalis</i> in the presence of a conspecific in a competitive feeding situation
17:05-18:00	Plenary 3 Audrey Dussutour <i>Problem solving in slime molds: from decision making to learning</i>		

Friday 22nd July Oosterpoort			
08:00-12:00 Registration			
09:00-10:00 (announcements) Plenary 4 Peter Kappeler <i>The evolution of primate social systems</i>			
10:05-11:05 Parallel Symposia			
Chair:	Animal Communication	The emergence of novel behaviours during social evolution	Open
	<i>C. Fichtel and M. Naguib</i>	<i>P. Kohlmeier and A. Jungwirth</i>	<i>tba</i>
	10:05-10:25 M. Spierings <i>tba</i>	10:05-10:25 A. Jordan <i>tba</i>	10:05-10:20 L. Pedruzzi What makes some yawns so contagious? An experimental approach in monkeys
	10:35-10:55 M. Hauber From meta-replication to true discovery: the case of antiparasitic referential alarm calling in Yellow Warblers	10:35-10:55 C.A. Olivier Primate Social Organization Evolved from a Flexible Pair-Living Ancestor	10:25-10:40 I. Redondo To breed or to float: predictors of reproductive status in the spotless starling
			10:45-11:00 A. Strauss Synchronisation of diel timing during chick provisioning within breeding pairs in wild Great Tits
11:05-11:30 Coffee break			
11:30-12:30	11:30-11:45 V. Beeck Vocal flexibility in the Asian elephant's social communication	11:30-11:45 C. Aumon Immune gene family diversity across termite phylogeny and sociality	11:30-11:45 J. Zheng Egg burial protects eggs being hurled out the wind-swayed nest in Chinese penduline tits
	11:50-12:05 S. de Kort Female blue tits sing (quite a lot)	11:50-12:05 J. Frommen Social structure, relatedness and helping behaviour in the cooperatively breeding cichlid <i>Neolamprologus savoyi</i>	11:50-12:05 R. Lesch Comparative morphometric analysis of the wolf and dog larynx
	12:10-12:25 H. Loning The role of soft and social singing by zebra finches in the wild	12:10-12:25 J. Kreider Resource sharing leads to the emergence of division of labour	12:10-12:25 S. Salazar Repeatability and plasticity of risk-taking in breeding blue tits
12:30-13:30 Lunch break			
13:30-14:30 Poster session			
14:30-15:30 Parallel Symposia			
Chair:	Animal Communication	Social influences on mate choice	Social foraging: from mechanism to consequence
	<i>C. Fichtel and M. Naguib</i>	<i>K. Riebel and K. Bebbington</i>	<i>L. Snijders & R. Kurvers</i>
	14:30-14:45 E. de la Peña Unravelling the information conveyed by the ventral dark patch during the rut in male red deer	14:30-14:50 S. Noebel Mate copying in fish and flies	14:30-14:50 A. El Hady Mechanistic theory of (social) foraging
	14:50-15:05 A. Krasheninnikova Phylogenetic map of vocal learning in parrots	15:00-15:20 T. Szekely <i>tba</i>	15:00-15:20 C. Ioannou <i>tba</i>
	15:10-15:25 J. Prieur Social negotiation and "accents" in gorillas' gestural communication		
15:30-16:00 Tea break			
16:00-17:00	16:00-16:15 T. Petrusková Singing behind the stage: thrush nightingales produce more variable	16:00-16:15 N. Doubovetzky <i>Drosophila melanogaster</i> females manipulate sperm allocation based on the sensing of pheromones indicative of male quality	16:00-16:15 J. Arbon Learned social tolerance in wild jackdaws
	16:20-16:35 K. Riebel "Seeing voices": testing the importance of multimodal exposure to social song tutors in bird song development	16:20-16:35 R. Fusté Climbing the social ladder: association preferences, network centrality and reproductive status in the spotless starling (<i>Sturnus unicolor</i>)	16:20-16:35 B.C. Saldanha Effects of dietary tryptophan supplementation in the collective behaviour of a highly social bird
	16:40-16:55 F. Rossetto The bird community as an orchestra: synchronization of singing activity among species with different songs	16:40-16:55 F. Speelman Causes of mate fidelity and divorce in the Seychelles warbler	16:40-16:55 A. Schakowski Socio-ecological drivers of human foraging dynamics in the wild
17:05-18:00 ASAB medal winner Nicky Clayton <i>tba</i>			

Saturday 23rd July Oosterpoort			
09:00-10:00 (announcements) Plenary 6 Joel Levine <i>tba</i>			
10:05-11:05 Parallel Symposia			
<i>Chair:</i>	Endocrinology of social behaviour	Dominance between the sexes in group-living animals	Open: Cognition
	<i>T. Groothuis and M. Gahr</i>	<i>C. Hemelrijk and L. Seex</i>	<i>tba</i>
	10:05-10:25 A. LeBoeuf Endocrinology at the superorganismal scale	10:05-10:25 E. Davidian The ecology and evolution of male-female power relationships in social mammals	10:05-10:20 J. Abdai Investigating animacy perception in cats and dogs using artificial agents
	10:35-10:55 C. De Dreu Oxytocin has Tend-and-Defend Functionality Across Group-living Vertebrates	10:35-10:55 C. Hemelrijk <i>tba</i>	10:25-10:40 V. Mazza Smarts in the city: innovation in rural and urban small mammals
			10:45-11:00 M. O'Hara The use of a tool set by wild Goffin's cockatoos
11:05-11:30 Coffee break			
	11:30-11:45 K. Bebbington Prolactin as a measure of evolutionary conflict between social partners	11:30-11:45 L. Seex <i>tba</i>	11:30-11:45 R. Schwing Sequential Learning in Kea (<i>Nestor notabilis</i>)
	11:50-12:05 S. Fischer The role of the stress axis in mediating behavioural flexibility in a social cichlid, <i>Neolamprologus pulcher</i>	11:50-12:05 M. Puentes-Escamilla Female wild rats (<i>Rattus norvegicus</i>) are co-dominant with males despite females being half the size of males	11:50-12:05 S. Whalan Brainless sponge larvae can settle to conspecifics, but is that evidence of communication and cognition?
	12:10-12:25 W. Goymann Androgen-aided amazons – classical polyandry in coucals is associated with testosterone in females but not males	12:10-12:25 L. Horn Context affects preschool children's dominance in between-sex competition	12:10-12:25 J. Massen Do birds enjoy flying?
12:30-13:30 Lunch break			
13:30-14:05 Surprise talk			
14:05-15:35 Niko Tinbergen Prize from the German Ethological Society. Chaired by Claudia Fichtel			
14:15-14:45 Niko Tinbergen award 1: L. Snijders Social dynamics going wild – insights from novel technology and traditional observation			
15:00-15:30 Niko Tinbergen award 2 : M. Schweinfurth Reciprocal cooperation in animals: does it exist?			
15:35-16:00 Tea Break			
16:00-17:00 Plenary 7 Rose Thorogood <i>tba</i>			
17:05-17:30 Closing ceremony and student prizes			
18:00 Conference dinner			