

Program

Wednesday, February 22nd	
11:00 - 14:00	Registration
14:00 - 14:15	Gerhard von der Emde (Bonn): Welcome
14:15 - 15:15	1. Plenary Talk: Alexander Kotrschal (Stockholm) The costs and benefits of large brain size Chair: Gerhard von der Emde
15:15 - 16:00	Short talks, Session 1: Cognition A 15:15: ST1.1: Long-distance relationships in mollies: the use of public information in mate choice is not affected by distance <i>Gierszewski, Stefanie; Keil, Melissa; Witte, Klaudia</i> 15:30: ST1.2: Cognition in bamboo sharks and freshwater stingrays <i>Schlüssel, Vera</i> 15:45: ST1.3: Sharks can “see the magic” as well: 4 different optical illusions in the grey bamboo shark (<i>Chiloscyllium griseum</i>). <i>Fuss, Theodora; Schlüssel, Vera</i>
16:00 - 16:30	Coffee break
16:30 - 18:30	Short talks, Session 2: Cognition B 16:30: ST2.1: Visual discrimination of natural and artificial stimuli in pigeons (<i>Columba livia</i>) <i>Matzinger, Theresa M. E.; Aust, Ulrike</i> 16:45: ST2.2: Personality and learning via odour cues in bank voles <i>Mazza, Valeria; Dammhahn, Melanie; Jacob, J.; Zaccaroni, M.; Eccard, Jana A.</i> 17:00: ST2.3: Mate-copying of a natural trait in <i>Drosophila melanogaster</i> <i>Nöbel, Sabine; Isabel, Guillaume; Danchin, Etienne</i> 17:15: ST2.4: Cross-modal object recognition and sensory processing in a fish <i>Schumacher, Sarah; Burt de Perera, Theresa; Thenert, Johanna; von der Emde, Gerhard</i> 17:30: ST2.5: Mirror image stimulation- investigating self-recognition in crows <i>Vanhooland, Lisa-Claire; Bugnyar, T.; Massen, J. J. M.</i> 17:45: ST2.6: Do wild Zebra Finches (<i>Taeniopygia guttata</i>) learn to use artificial symbols as cues to optimise foraging? <i>Hardenbicker, Marie-Christin; Brandl, Hanja B.; Griffith, Simon C.; Schuett, Wiebke</i> 18:00: ST2.7: What do parrots talk about with their owners? Lexicon of African grey parrots kept as pets. <i>Lindová, Jitka</i> 18:15: ST2.8: The impact of elevated cortisol on personality traits in adolescent and adult cavies <i>Guenther, Anja</i>
19:00 - 22:00	Conference Dinner

Thursday, February 23rd	
9:00 - 10:00	<p>2. Plenary Talk: Molly Cummings (Austin) Identifying cognitive-behavioral syndromes that vary by mating system in Poeciliid fishes Chair: Vera Schlüssel</p>
10:00 - 11:00	<p>Short talks, Session 3: Behavioral Ecology A 10:00: ST3.1: Prospecting in wild zebra finches – the effect of brood size manipulation on breeding decisions <i>Brandl, Hanja B.; Griffith, Simon C.; Schuett, Wiebke</i> 10:15: ST3.2: Female reproductive behaviour under infanticide risk <i>Breedveld, Merel C.; Folkertsma, Remco; Eccard, Jana A.</i> 10:30: ST3.3: Effects of female density on mating decisions in a sexually cannibalistic spider <i>Argiope bruennichi</i> <i>Cory, Anna-Lena; Becker, Julia; Schneider, Jutta M.</i> 10:45: ST3.4: Social foraging and exploitative behaviour: the maintenance of cooperation in spiders <i>Dumke, Marlis; Herberstein, Marie E.; Schneider, Jutta M.</i></p>
11:00 - 11:30	Coffee break
11:30 - 13:00	<p>Short talks, Session 4: Behavioral Ecology B 11:30: ST4.1: Cooperatively breeding fish benefit from anti-predator vigilance <i>Frommen, Joachim G.; Dällenbach, Laura; Taborsky, Michael</i> 11:45: ST4.2: Context-dependent reproductive decisions along an ecological gradient <i>Heubel, Katja U.; Mück, Isabel; Vallon, Martin</i> 12:00: ST4.3: Shoal sex composition and predation risk influence sub-adult three-spined stickleback shoaling decisions <i>Rystrom, Taylor L.; Clement, Vic F.; Rick, Ingolf P.; Bakker, Theo C. M.; Mehlis, Marion</i> 12:15: ST4.4: Dis-assortative female mate choice for boldness in a monogamous cichlid <i>Scherer, Ulrike; Kuhnhardt, Mira; Schuett, Wiebke</i> 12:30: ST4.5: Influence of inter-individual differences on individual movement and space use behaviour in different species <i>Schirmer, Annika; Eccard, Jana A.; Dammhahn, Melanie</i> 12:45: ST4.6: Data on the ecology of Nigerian-Cameroonian Chimpanzees (<i>Pan troglodytes ellioti</i>) and Cross-River Gorillas (<i>Gorilla gorilla diehli</i>). <i>Linnarz, Sebastian; Bleckmann, Horst</i></p>
13:00 - 14:00	Lunch
14:00 - 15:00	<p>3. Plenary Talk: Theresa Burt de Perera (Oxford) Navigating in a three-dimensional world Chair: Helmut Schmitz</p>
15:00 - 17:00	<p>Short talks, Session 5: Sensory Perception 15:00: ST5.1: Biosonar encoding of surface waves: bats' perceptual sensitivity to spatial and temporal frequency <i>Baier, Leonie; Goerlitz, Holger R.; Wiegrebe, Lutz</i> 15:15: ST5.2: Mole-rats like it hot <i>Burda, Hyněk; Dohmen, Josefina; Mladěnková, Nella; Vole, Christiane; Begall, Sabine; Šumbera, Radim</i> 15:30: ST5.3: Female brain size affects the assessment of male attractiveness during mate choice <i>Corral-López, Alberto; Bloch, Natasha I.; Kotrschal, Alexander; van der Bijl, Wouter; Buechel, Severine D.; Mank, Judith E.; Kolm, Nicolas</i> 15:45: ST5.4: Relative value perception in an insect: expectations and effort influence the perceived quality of food sources in the ant <i>Lasius niger</i> <i>Czaczkas, Tomer J.; Oberhauser, Felix B.; Wendt, Stephanie</i> 16:00: ST5.5: Phonotactic orientation during flight of the parasitoid fly <i>Emblemasoma auditrix</i> (Diptera: Sarcophagidae) <i>Tron, Nanina; Lakes-Harlan, Reinhard</i></p>

	<p>16:15: ST5.6: Traffic noise drowns out great tit alarm calls <i>Zollinger, Sue Anne; Templeton, Christopher N.; Brumm, Henrik</i></p> <p>16:30: ST5.7: The importance of underwater sound: Noise can affect mating behavior and reproduction in vocal fish. <i>de Jong, Karen; Amorim, M. Clara P.; Fonseca, Paulo J.; Klein, Adrian; Fox, Clive; Heubel, Katja U.</i></p>
17:00 - 17:30	Coffee break
17:30 - 18:30	<p>Public Lecture: Markus Knaden (Jena) Navigation unter extremen Bedingungen: wie Wüstennameisen möglichst schnell nach Hause finden Chair: Horst Bleckmann</p>
19:00 - 22:00	Posters (with Beer and Snacks)

Friday, February 24th	
9:00 - 10:00	<p>4. Plenary Talk: Volker Dürr (Bielefeld) Locomotor Flexibility: Adaptive coordination and exploration in insect locomotion Chair: Joachim Mogdans</p>
10:00 - 11:00	<p>Short talks, Session 6: Signals and Signal Processing A 10:00: ST6.1: Functional correlates of fluorescent color patterns across the fish phylogeny <i>Anthes, Nils; Theobald, Jennifer; Gerlach, Tobias; Meadows, Melissa G.; Michiels, Nico K.</i> 10:15: ST6.2: Court and spark in the wild: communication at the limits of sensation <i>Henninger, Jörg; Kirschbaum, Frank; Grewe, Jan; Krahe, Rüdiger; Benda, Jan</i> 10:30: ST6.3: Linking brain activity to odour-guided behaviour in the hawkmoth <i>Manduca sexta</i> <i>Bisch-Knaden, Sonja; Dahake, Ajinkya; Knaden, Markus; Sachse, Silke; Hansson, Bill S.</i> 10:45: ST6.4: Hawkmoths evaluate scenting flowers with the tips of their tongues <i>Haverkamp, Alexander; Yon, Felipe; Bing, Julia; Keeseey, Ian W.; Mißbach, Christine; Koenig, Christopher; Baldwin, Ian T.; Kessler, Danny; Hansson, Bill S.; Knaden, Markus</i></p>
11:00 - 11:30	Coffee break
11:30 - 12:30	<p>Short talks, Session 7: Signals and Signal Processing B 11:30: ST7.1: Active photolocation using modified ambient light in diurnal marine fishes <i>Michiels, Nico K.; Bitton, Pierre-Paul; Anthes, Nils; Harant, Ulrike K.; Fritsch, Roland; Drohm, Sanja; Kalb, Nadine; Seeburger, Victoria; Santon, Matteo</i> 11:45: ST7.2: Sensory-drive speciation: visual development affects colour-based mate preference <i>Wright, D. Shane; Seehausen, Ole; Groothuis, Ton G. G.; Maan, Martine E.</i> 12:00: ST7.3: Ultrasonic communication in rodents <i>Wöhr, Markus</i> 12:15: ST7.5: Volatile sampling to study olfactory communication in mammals <i>Kücklich, Marlen; Birkemeyer, Claudia; Weiß, Brigitte M.; Einspanier, Almuth; Manser, Marta; Holland, Ruben; Widdig, Anja</i></p>
12:30 - 13:00	<p>Short talks, Session 8: Cooperation A 12:30: ST8.1: Limited evidence for 'proper' third party punishment in <i>Labroides dimidiatus</i> <i>Mélisande, Aellen; Bshary, Redouan</i> 12:45: ST8.2: Causes and consequences of alternative dispersal decisions in the cooperatively breeding Seychelles warbler <i>Groenewoud, Frank; Kingma, S. A.; Komdeur, J.</i></p>
13:00 - 14:00	Lunch
14:00 - 15:00	<p>5. Plenary Talk: Johan J. Bolhuis (Utrecht) Twitter evolution: Birdsong, speech, and language Chair: Theo Bakker</p>
15:00 - 16:00	<p>Short talks, Session 9: Cooperation B 15:00: ST9.1: Strategic adjustment of helping behaviour in the cooperatively breeding cichlid <i>Neolamprologus savoryi</i> <i>Josi, Dario; Taborsky, Michael; Tanaka, Hirokazu; Frommen, Joachim G.</i> 15:15: ST9.2: Reciprocity and kin selection - two alternative mechanisms underlying cooperation in Norway rats <i>Schweinfurth, Manon; Taborsky, Michael</i> 15:30: ST9.3: Climate change negatively affects the ontogeny of cognitive performance in cleaner fish <i>Triki, Zegni; Wismer, Sharon; Levorato, Elena; Bshary, Redouan</i> 15:45: ST9.4: Social feedback and within-group diversity in the collective temperature homeostasis of bumblebees <i>Weidenmüller, Anja; Garrison, Linda; Kleineidam, Christoph</i></p>
16:00	Closing