

Wednesday, February 17th

- 11.00 - 14.00: Registration
- 11.00 - 12.30: Guided tour to the facilities at the German Primate Center
- 14.00 - 14.15: Welcome
- 14.15 - 15.15: **Catherine Crockford (Leipzig): Endocrinological mechanisms supporting social bonds in wild chimpanzees**
- 15.15 - 15.30: **Christine B. Haunhorst**, Oliver Schülke & Julia Ostner (Göttingen): How female Assamese macaques benefit from opposite-sex social bonds
- 15.30 - 15.45: **Jorg J.M. Massen**, Thomas Bugnyar & Martina Stocker (Vienna): A hormonal basis of cooperation in ravens (*Corvus corax*)?
- 15.45 - 16.00: **Joachim G. Frommen**, Dario-Marcos Bayani & Michael Taborsky (Bern): Olfactory signals trigger social interactions in a cooperatively breeding fish
- 16.00 - 16.30: *Coffee break*
- 16.30 - 16.45: **Klara Kittler**, Peter M. Kappeler & Claudia Fichtel (Göttingen): TOOL TIME - The use and understanding of tools in three lemur species
- 16.45 - 17.00: **Anna Sperber**, Peter Kappeler & Claudia Fichtel (Göttingen): Coordination of collective group movements in wild redfronted lemurs
- 17.00 - 17.15: **Joah Madden**, Ellis Langely, Christine Beardsworth, Jayden Van Horik & Mark Whiteside (Exeter): Individuals who are slow to reverse a learned association survive for longer in the wild
- 17.15 - 17.30: **Corina Logan** (Cambridge): Are invasive species behaviourally flexible? Measuring behavioural flexibility directly in great-tailed grackles
- 17.30 - 17.45: **Wiebke Schuett** & Claudia Drees (Hamburg): Ground beetles in city forests: forest age and urbanization predict exploratory and risk-taking behaviour
- 17.45 - 18.00: **Anna Frohnwieser**, Tom Pike, John Murray, Anna Wilkinson (Lincoln): What makes a conspecific? Perception of artificial conspecifics by bearded dragons (*Pogona vitticeps*)
- 18.00 - 19.30: Poster session with snacks

Thursday, February 18th

- 9.00 - 10.00: **Lars Chittka (London): Are bigger brains better? Lessons from the insects**
- 10:00 - 10.15: **Dieter Lukas** & Tim Clutton-Brock (Cambridge): Coalitions, social complexity, and brain size in mammals
- 10.15 - 10.30: **Stefanie Keupp**, Thomas Bugnyar, Thomas Mussweiler & Julia Fischer (Göttingen): Social comparisons in long-tailed macaques
- 10.30 - 11.00: *Coffee break*
- 11.00 - 11.15: **Simona Kralj-Fišer**, Klemen Čandek, & Matjaž Kuntner (Ljubljana): Does nutrition over ontogeny affect sexual cannibalism and reproductive success in raft spiders?
- 11.15 - 11.30: **E. Tobias Krause**, Oliver Krüger & Holger Schielzeth (Celle): Early nutritional conditions and match or mismatched adult environments: evidence for a silver spoon effect

- Susanne Sangenstedt**, Norbert Sachser & Sylvia Kaiser (Münster):
11.30 - 11.45: Emotionality and stress responsiveness: The early social environment differentially shapes later-life plasticity
- Stefanie Bölting** & Nikolaus von Engelhardt (Bielefeld): Social influences during adolescence modify adult mating behaviour in zebra finches - consequences for reproductive success?
11.45 - 12.00:
- Laura Almeling**, Kurt Hammerschmidt, Alexandra M. Freund & Julia Fischer (Göttingen): Behavioral and motivational changes in aging Barbary macaques (*Macaca sylvanus*)
12.00 - 12.15:
- Melanie Dammhahn**, Franziska Köhler, Stefanie Storch, Fabienne Aujard & Denis Réale (Potsdam): Personality and cognitive styles in three mammalian species
12.15 - 12.30:
- 12.30 - 14.00: *Lunch*
- 14.00 - 15.00: **Hanna Kokko (Zurich): Males exist. Does it matter?**
- 15.00 - 15.15: **Christine Sievers** & Thibaud Gruber (Basel): Reference in nonhuman primate communication: What does it take to refer?
- 15.15 - 15.30: **Friederike Hillemann**, Claudia A.F. Wascher, Julia Fischer, Daniela Canestrari & Vittorio Baglione (Oxford): Behavioural responses to conspecific vocalisations and simulated territory intrusions in cooperatively breeding Carrion crows, *Corvus corone corone*
- 15.30 - 15.45: **Fernandez Ahana Aurora** & Knörnschild Mirjam (Berlin): Vocal ontogeny of isolation calls in the greater sac-winged bat, *Saccopteryx bilineata*
- 15.45 - 16.00: **Mirjam Knörnschild**, Maria Eckenweber & Martina Nagy (Berlin): Individual recognition in wild greater sac-winged bats (*Saccopteryx bilineata*): evidence from a playback experiment with a violation-of-expectation paradigm
- 16.00 - 16.30: *Coffee break*
- 16.30 - 17.30: Assembly
- 17.30 - 19.00: Poster session
- 20.00 - Conference Dinner

Friday, February 19th

- 9.00 - 10.00: **Friederike Range (Vienna): A new look at dog domestication: Testing the effects of different feeding ecologies on cooperative interactions of wolves and dogs**
- 10:00 - 10.15: **Christiane Schalk**, B. Flauger, S. Geiger, S. Holbein, S. Schmucker, U. Weiler & V. Stefanski (Hohenheim): Influence of repeated social mixing and rank position on behavior and endocrine response of pregnant sows (*Sus scrofa*)
- 10.15 - 10.30: **Pia Kahnau**, Vera Brust, Anja Guenther & Lars Lewejohann (Osnabrück): Investigating the influence of learning on social structure and physiological processes in male C-57 mice
- 10.30 - 11.00: *Coffee break*

- 11.00 - 11.15: **Mélisande Aellen** & Redouan Bshary (Neuchâtel): In how far cleaners are able to delay gratification as function of the relative size of immediate benefit versus delayed benefit
- 11.15 - 11.30: **Manon K. Schweinfurth** & Michael Taborsky (Bern): Rats play tit-for-tat instead of integrating cooperative experiences over multiple interactions
- 11.30 - 11.45: **Jana Müller**, Jorg J.M. Massen, Thomas Bugnyar & Mathias Osvath (Vienna): Memory for first- and third-party interaction with human experimenters in ravens (*Corvus corax*)
- 11.45 - 12.00: **Renata Mazzei**, Redouan Bshary, Magdalena Gozdowska, Ewa Kulczykowska & Marta C. Soares (Neuchâtel): Causes and consequences of intraspecific social behavior variation in the cleaning goby *Elacatinus prochilos*
- 12.00 - 12.15: **Zegni Triki** & Redouan Bshary (Neuchâtel): Why some cleaner wrasse might be smarter than others
- 12.15 - 12.30: **Ellis J.G. Langley**, Jayden van Horik & Joah Madden (Exeter): Social rank and learning speed in the common pheasant, *Phasianus colchicus*
- 12.30 - 13.30: *Lunch*
- 13.30 - 14.30: **Christian Rutz (St. Andrews): Tool use in New Caledonian crows: foraging ecology, social dynamics, and evolutionary perspectives**
- 14.30 - 14.45: **Lisa Horn**, Thomas Bugnyar & Jorg J.M. Massen (Vienna): Social tolerance in a cooperatively breeding corvid, the azure-winged magpie (*Cyanopica cyana*)
- 14.45 - 15.00: **Thibaud Gruber** (Geneva): New trends in the animal culture debate: integrating ecological variation and representational perspective to understand how ape behavioural differences are connected to human cultures
- 15.00 - 15.15: **Markus Port**, Oliver Schülke & Julia Ostner (Göttingen): From individual to group territoriality: Competitive environments promote the evolution of sociality
- 15.15 - 15.30: Award ceremony
- 15.30 Closing