

Monday, 26th of February

12:00 – 14:15 **Registration & Coffee**

14:14 – 14:30 **Welcome**

Session Risk & Fear I (Chair: *Jana Eccard*)

14:30 – 15:30 **Plenary**

Joel Brown - Ecology of Fear, Landscapes of Fear, and other scary topics

15:30 – 16:00 *Lisa Teckentrup* - Mammal communities under fear: Perceived predation risk shapes prey diversity

16:00 – 16:30 *Marcel Becker* - Spatial response of a red deer population to an experimental gradient of wolf urine intensity

16:30 – 17:00 *Christian Blum* - Long-term memory of artificial predators in common ravens (*Corvus corax*)

17:00 – 17:30 *Joachim Frommen* - Predatory threat related intra-specific aggression mediates benefits of first- and second order sociality in a cooperative breeder

17:30 – 18:00 *Stefan Halle* - Giving-up densities as a measure of perceived predation risk in the common vole, *Microtus arvalis*

18:00 – 18:30 *Thomas Hoffmeister* - The response to threat: Fixed stimulus response or state-dependent?

18:30 – Open **Poster Session & Mitgliederversammlung Ethologische Gesellschaft**

Tuesday, 27th of February

Session Risk & Fear II (Chair: *Karin Schneeberger*)

08:30 – 09:30 **Plenary**

Marion L. East - Risk in human altered habitats

09:30 – 10:00 **Coffee Break**

10:00 – 10:30 *Milena Stillfried* - Secrets of success in a landscape of fear: Urban wild boar adjust risk perception and tolerate disturbance

10:30 – 11:00 *Alexander Hutfluss* - Annoying disturbers: effects of recreation on the reproductive behaviour of great tits (*Parus major*)

11:00 – 11:30 *Daniela Reil* - How does human behaviour affect Hanta infection risk?

11:30 – 12:00 *Valentina Migani* - Fearful or bold? How a generalist predator affects the foraging strategies of fruit flies and parasitoids

12:00 – 13:00 **Lunch Break**

Session Social Behaviour (Chair: *Melanie Dammhahn*)

13:00 – 14:00 **Plenary**

Jutta Schneider - Cooperative foraging in group-living spiders

14:00 – 14:30 *Alan Novaes Tump* - How do individuals integrate personal and social information in a simulated predator detection task?

14:30 – 15:00 *Oliver Schülke* - Genetic risk predicts cortisol levels, risk-taking, and social bonding behavior of male Assamese macaques

- 15:00 – 15:30 *Manon Schweinfurth* - Social tool use in chimpanzees (*Pan troglodytes*)
- 15:30 – 16:00 *Marina Scheumann* - Vocal intervention: Group leaders terminate social conflicts via vocalisations
- 16:00 – 16:30 **Coffee Break**

Session Foraging (Chair: *Barbara Caspers*)

- 16:30 – 17:00 *Annika Immer* - Ecology of fear in the Zebra Finch
- 17:00 – 17:30 *Rahma Amen* - Ecological speciation in African weakly electric fish (genus *Campylomormyrus*): The influence of gravel size on species-specific feeding behaviour

Session Free Topics (Chair: *Barbara Caspers*)

- 17:30 – 18:00 *Tobias Zimmermann* - Adaptive shaping of behavioural and neuroendocrine phenotypes during adolescence
- 18:00 – 18:30 *Alexandra Mutwill* – Shaping and reshaping of biobehavioural profiles beyond adolescence - A study in guinea pigs
- 18:30 **Short Information & Bus transfer** to Botanical Garden
- 19:00 – Open **Social Evening**

Wednesday, 28th of February

Session Communication (Chair: *Mirjam Knörnschild*)

- 08:30 – 09:30 **Plenary**
Jens Krause - Proto-Cooperation in Billfishes
- 09:30 – 10:00 **Coffee Break**
- 10:00 – 10:30 *Aurelia Strauß* - Does overnight temperature influence the singing behaviour in wild great tits, *Parus major*?
- 10:30 – 11:00 *Philipp Norton* - 'Bird song metronomics': Isochronous organization of zebra finch song rhythm
- 11:00 – 11:30 *Lara Burchardt* - Isochronous rhythm in vocalizations of the Greater sac-winged bat
- 11:30 – 12:00 *Ahana Fernandez* - Vocal repertoire ontogeny of the neotropical bat species, *Saccopteryx bilineata*
- 12:00 – 13:00 **Lunch Break**

Session Communication II (Chair: *Valeria Mazza*)

- 13:00 – 13:30 *Mirjam Knörnschild* - Individual recognition of distressed social group members in bats
- 13:30 – 14:00 *Martina Nagy* - Predation risk and high temperature in exposed day roosts shape the mating strategy of male Proboscis bats
- 14:00 – 14:30 *Barbara Caspers* - The impact of odour on parent-offspring recognition in zebra finches
- 14:30 – 15:00 *Kristine Meise* - Multiple processes determine responsiveness to heterospecific alarm calls in African herbivores
- 15:00 – 15:30 **Farewell**

Poster

- 1.) *Leon Barthel* - Nesting behavior of the European hedgehog (*Erinaceus europaeus*) under direct anthropogenic influences
- 2.) *Jorge F. S. de Menzes* - Risk pump in *Gerbillus pyramidum*: quality of rich habitats increases with more conspecifics
- 3.) *Jana Eccard* – Solar powered LED illumination impacts risk and fear in epigeal arthropods
- 4.) *Julia Grabner* - Emotional contagion in common marmosets (*Callithrix jacchus*): does signalling about the presence of predators or food affect the behavioural and physiological responses in naive individuals
- 5.) *Tim Hladnik* - Jamming Avoidance Response explains electric behavior in response to moving conspecifics in weakly electric fish.
- 6.) *Julia Hoffmann* - Effects of artificial light at night on activity and space use of two small mammal species
- 7.) *Christiane Hönicke* – Borrelia infections in ticks from German rodent populations
- 8.) *Niklas Kästner* - Age matters: effects of varying social experiences during different life phases on anxiety-like behaviour and hormonal stress response in male mice
- 9.) *Sophia Kimmig* - Using high-resolution movement data to derive diurnal behavioural patterns of red foxes (*Vulpes vulpes*) along an urbanization gradient
- 10.) *Viktoria Krakenberg* - Take a risk or better play safe? Implementing a touchscreen-based cognitive bias test for mice
- 11.) *Valeria Mazza* - Personality and stress response in bank voles
- 12.) *Michelle Metzinger* - Risky sex: old males of *Argiophe bruennichi* suffer higher rates of sexual cannibalism but do not incorporate this in their mating decisions
- 13.) *Niina Nurmi* - The “tolerant chimpanzee” - towards the costs and benefits of sociality in female bonobos (*Pan paniscus*)
- 14.) *Andrés Peredo Arce* - Can the landscape of risk affect seed diversity? The effect of vegetation cover on rodent feeding activity and its impact on seed bank diversity
- 15.) *Till Raab* - Natural electric communication behavior of weakly electric fish recorded in their neotropical habitats
- 16.) *Linda Rüsen* - Personality dependent behavioural response to artificial light at night (ALAN) in bank voles (*Myodes glareolus*)
- 17.) *Annika Schirmer* - Personality dependent spatial ecology of free-ranging rodents
- 18.) *Karin Schneeberger* - Rats smell hunger and produce food preferentially for needy partners
- 19.) *Verena Schöler* - Behavioural consequences and animal welfare implications of experimental housing conditions and vaccinations against rabies in red foxes (*Vulpes vulpes*)