



## 90th Annual Meeting of the German Society of Mammalogy Berlin

Program 04<sup>th</sup> to 7<sup>th</sup> September 2016, Location: Tierpark Berlin, Schloss Friedrichsfelde

### Sunday, 04.09.2016:

- 16:00 Board Meeting (Tierpark, Marché-Restaurant "Patagona", Flamingobar)  
16:00 Meeting of the museum curators (Schloss Friedrichsfelde)  
18:00 Official Registration (Schloss Friedrichsfelde)  
18:30-22:00 Ice-Breaker (Entrance/location: Schloss Friedrichsfelde)

### Day 1: Monday, 05.09.16

All scientific sessions will take place in the Schloss Friedrichsfelde

- 08:30 Welcome by the DGS Board, Sabine Begall  
08:40 Welcome by the CEO of the Berlin Zoo AG, Andreas Knieriem, and a short introduction "Berlin and its two zoos in the German capital"

#### Session I chair: Eva Bärmann

- 09:00 Rainer Hutterer: "Forgotten treasure: Lives and fates of members of the DGS"  
09:20 Peter Giere: "Berlin mammalogy at the dawn of the DGS"  
09:40 Jan Decher: "Comparing the mammalian fauna of German colonial Togo at the time of Paul Matschie with a mammal checklist of the current Republic of Togo"  
10:00 **Coffee break**  
10:30 Jan Mohnhaupt: "The Zoo of the others - Relationship and competition between the two Berlin Zoos during the Cold War"  
10:50 André Schüle: "Animal training in zoos - a chance for research"  
11:10 Andreas Pauly: "Important veterinary aspects of lemur husbandry at Tierpark Berlin"  
11:30 Anne Berger: "Living wild in the urban jungle – research projects on wild mammals in Berlin"  
11:50 Neal Woodman: "See how they move: divergence and convergence in locomotory adaptations among shrews"  
12:10 **Lunch**

**Session II chair: Sabine Begall**

- 14:00 Verena Coleman: “Muscle mitochondrial stress adaptation operates independently of endogenous FGF21 action”
- 14:20 Kai Caspar: “Through the looking glass, and what gibbons found there – New observations on the behaviour of lesser apes when confronted with their own reflection and a novel modification of the mirror-test”
- 14:40 Hannes Lerp: “Evolution of ecological traits and phylogeny of the genus *Gazella*”
- 15:00 Rainer Ulrich: “Viral and bacterial agents in Norway rat populations from zoological gardens in Germany”
- 15:20 Anneke H. van Heteren: “Pre- and postnatal growth rates of *Phanourios minor* from the Pleistocene of Cyprus”
- 15:40 **Coffee break**
- 16:00 General Assembly

Evening free, visit Berlin!

**Day 2: Tuesday, 06.09.16**

**Session III chair: Frank Zachos**

- 08:30 Frank Zachos: “Genetic analysis of endangered Asian elephants from Myanmar”
- 08:50 Sabine Hammer: “Ancient mitochondrial DNA analyses of Bronze Age pigs from Hallstatt– Results from a pilot study”
- 09:10 Nicola Heckeberg: “New cervid cytochrome b sequences, new conundrums in cervid systematics”
- 09:30 **Coffee break**
- 10:15 Gertrud Rößner: “What is a deer and what is an antler?”
- 10:35 Hendrik Edelhoff: “Effects of landscape fragmentation on genetic diversity and population structure of Red deer (*Cervus elaphus*) in Northern Germany”
- 10:55 Michael Hofreiter: “The palaeogenomic revolution in zoology”
- 11:15 Poster Session
- 13:00 **Lunch**
- 17:30-19:00 Guided tours in the NH Museum (Entrance: NH Museum, Portal V, Invalidenstr. 43, 10115 Berlin) & in the Zoo Berlin (Entrance: Elephant Gate, Budapesterstr. 32, 10787 Berlin).
- 19:00-22:00 Conference dinner at the Zoo Restaurant (Entrance: Elephant Gate, Budapesterstr. 32, 10787 Berlin).

## Day 3: Wednesday, 07.09.16

### **Session IV chair: Rainer Ulrich**

- 09:00 Clara Stefen: "Methods of postmortal age-determination in *Cricetus cricetus*"
- 09:20 Sabine Begall: "Do breeders and non-breeders in eusocial Ansell's mole-rats represent different personalities?"
- 09:40 Jan Wölfer: "Morphological adaptations of sciuriform limb bones to different locomotor behaviors"
- 10:00 Sandra Jungnickel: "Comparative morphology of the m. cutaneus trunci of the polecat and the suricate"
- 10:20 Anita Schweizer: "Comparative anatomy of the osseous inner ear of dog breeds, dingoes and wolves - A study of intraspecific variation and domestication"
- 10:40 **Coffee break**
- 11:00 Yoshiyuki Henning: "How do retinal thyroid hormone transporters influence mammalian color vision?"
- 11:20 Sara Lado: "Population history and taxonomy of African hares (genus *Lepus*) inferred from genetic variation"
- 11:40 Paper Fritz-Frank-Förderpreis
- 12:15 **Lunch**

### **Session V chair: Rainer Ulrich**

- 14:00 Sandra Malewski: "Magnetoreception in rodents – new species, new methods"
- 14:20 Sabine Martini: "Magnetoreception in Dogs – New Insights"
- 14:40 Marco Zaccaroni: "The diet of Savi's pine vole: a new quantitative approach"
- 15:00 Michael Hiller: "Discovering the Genomic Basis of Morphological and Physiological Differences between Mammalian Species with Forward Genomics"
- 15:20 **End of the 90. DGS Annual Meeting**