90th Annual Meeting of the German Society of Mammalogy Berlin

Program 04th to 7th 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 sciuromorph 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”


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**