

## Third circular

96<sup>th</sup> Annual Meeting of the German Society for Mammalian Biology



Universität  
Zürich<sup>UZH</sup>



We look forward to welcoming you in Zurich. There are 6 plenaries, 29 talks and 14 posters scheduled to be presented. Other activities and the joint meals provide good opportunities to interact further. The programme below provides the basic information, the abstract book will be made available as pdf at a later date. The talks are assigned 15 minutes, including time for questions. For more details, visit: <https://www.pim.uzh.ch/de/symposia/dgs2023.html>

- The [early registration](#) ends the 1<sup>st</sup> of July
- The [late registration](#) ends on the 21<sup>st</sup> of August
- Information about the plenary speakers can be found [here](#)

## Friday 25 of August, [central campus](#)

13:00–14:00	Independent event, open to all	Pre-DGS symposium on Swiss and German Explorers in South America, more details <a href="#">here</a>
15:00–17:00	DGS board meeting	
17:00–18:00	Curators meeting	
17:00	Registration	
18:00	Welcome address	Marcelo Sánchez-Villagra
18:20	Evening lecture	Regan Dunn: Palaeoecology and extinction
19:00	Icebreaker	

## Saturday 26 of August, [Irchel campus](#)

08:00		Registration open
08:00		Posters to be placed
08:30		Conference opening: Marcelo Sánchez-Villagra and Marcus Clauss
08:45	Plenary I	Alexandra van der Geer: Evolution on Islands
09:30	Heckeberg	Controversies concerning cervid systematics, antler tine homologies, and the special case of <i>Elaphurus davidianus</i>
09:45	Hempel	Insights into the evolutionary history of the extinct blue antelope
10:00	Carrillo	Contrasting diversity and disparity patterns in a continental radiation: diversification and morphological evolution in caviomorph rodents
10:15		Coffee break
10:45	Kissling	The shape and allometry of the brain and inner ear of the Steller's sea cow
11:00	Studer	Are bear-dogs morphologically similar to bears and/or dogs? A preliminary morphological analysis of their cranial system during the Cenozoic
11:15	Le Verger	The mammalian knight: when evolution leads to armor and weaponry.
11:30	Plenary II	Analia Forasiepi: Extinction in deep time
12:15		Lunch Break
13:15	Plenary III	Vera Weisbecker: Life history evolution and evo-devo
14:00	Rössner	Bone microstructure and histology: unravelling the evolutionary history of the antler cycle
14:15	Flores	Evolutionary patterns in cranial growth in sigmodontines (Rodentia, Cricetidae)
14:30	Herrel	Ontogeny and growth of the locomotor muscles in primates: impact of developmental strategy.
14:45		Coffee break
15:15		Poster session
16:00	Segura	Evolution of cranial ontogeny in felids (Carnivora: Felidae)
16:15	Wirkner	Some tigers may be lion to you – morphology and morphometry of the first lower molar in Pantherinae
16:30	Schulz-Kornas	A comprehensive overview of wear analysis in life history evolution
16:45	Plenary IV	Richard Madden: Life history evolution and mammalian teeth
17:30		DGS general assembly
19:00		Apero riche

## Sunday 27 of August, [Irchel campus](#)

08:00		Registration open
08:45	Plenary V	Monica Bond: Life history and extinction risk in a large mammal
09:15	Decher	Diversity of small mammals in the International Park Lower Oder Valley
09:30	Appleby	Douglas fir and Norway spruce have similar effects on small mammal density, but not survival, in Central European managed forests
09:45	Duque-Correa	Seasonality and mammalian intestinal length: where life history meets anatomy
10:00	van Heteren	Seasonal bone microstructure fluctuations in <i>Sciurus vulgaris fuscoater humeri</i> : a case study using phenomics on CT-scans
10:15		Coffee break
11:00	Amson	Fur glowing under UV and porphyrin accumulation in skin appendages.
11:15	Stein	Impact of local and landscape scale effects on the occurrence of the common hamster ( <i>Cricetus cricetus</i> ) in a simple agricultural landscape
11:30	Perea-García	Exploring drivers of external eye appearance in macaques
11:45	Rothier	Unravelling the adaptive landscape of limb morphology in mammals: The role of locomotor modes
12:00	Yuan	Anatomical innovation in the evolution of shrews (Soricidae, Lipotyphla)
12:15		Lunch break
13:15	Montoya-Sanhueza	What the appendicular anatomy of African mole-rats (Bathyergidae) can tell us about their evolution?
13:30	Süess	Comparative colony dynamics and genetics of the highveld mole-rat, <i>Cryptomys hottentotus pretoriae</i> , and the Mahali mole-rat, <i>C. h. mahali</i>
13:45	Damman	Are ageing and longevity linked to sociality in African mole-rats (Bathyergidae)?
14:00	Malkemper	Behavioral and histological investigations of the magnetic sense in subterranean mole-rats
14:15	Arnold	Four-toed sengi ( <i>Petrodromus</i> , Afrotheria) museomics reveals the crucial role of East African forests in macroscelidean diversification
14:30		Coffee break
15:15	Schai-Braun	Reproductive performance in the European hare ( <i>Lepus europaeus</i> ): are maternal body conditions decisive?
15:30	Caspar	Funky gibbons: Probing into the dance displays of small apes ( <i>Nomascus</i> spp.)
15:45	Benites-Palomino	A new pygmy sperm whale from Peru broadens the limits of cranial asymmetry
16:00		Fritz-Frank-award talk
16:45		Conference closing
17:00		Social Event youngDGS

## Monday 28 of August, [central campus](#) and other locations

8:30–14:00	Workshop on Imaging and 3D data by Vera Weisbecker (details to be provided)
8:30–14:00	Excursion to <a href="#">Mammoth Museum</a> and Eocene mammal site outside Zurich (details to be provided)

## Sponsors



UZH  
alumni

**Scientific committee:** Marcelo Sánchez-Villagra, Marcus Clauss, Alexandra Wegmann and Gabriel Aguirre

**Organising committee:** Heike Götzmann, Heinrich Walter, Marcelo Sánchez-Villagra, Marcus Clauss, Alexandra Wegmann and Gabriel Aguirre

**IT:** Heinrich Walter