



Berlin attracts in many ways!

Registration

Your registration for the 9th International Conference on Behaviour, Physiology and Genetics of Wildlife includes:

- access to conference sessions, workshops, and poster areas
- conference bag and one copy of the conference proceedings
- welcome evening and coffee breaks as scheduled in the conference programme
- Poster & Pasta Party (19th September 2013)

Early bird registration fee till 17th June 2013:

- >> normal fee: 150 €, student fee: 80 €

Late registration fee after 17th June 2013:

- >> normal fee: 220 €, student fee: 120 €

Tickets for the conference banquet: 40 € per person

Additional conference proceedings: 30 € per copy

Please register online:

<http://www.bayceer.uni-bayreuth.de/izw9>

Accommodation

A list of hotels is available on the conference website.

<http://www.izw-berlin.de/welcome-234.html>

About the IZW

The IZW studies life histories and mechanisms of evolutionary adaptations in wildlife (both free-ranging and captive) and how these are influenced by people and the environment. We conduct long-term, interdisciplinary basic and applied research programmes in cooperation with zoos and other conservation institutions to promote the conservation and persistence of viable wildlife populations.

Focal points of interest include:

- >> life histories, diseases and adaptations of mammals and specific bird species;
- >> adaptability, resilience and resistance of mammals and specific bird species;
- >> the link between proximate mechanisms, the functions of traits and population dynamics;
- >> the development of scientifically based concepts for the management of populations (assisted reproduction, fertility control, and population viability);
- >> research oriented services to zoos and other institutions;
- >> development of laboratory and field based techniques including minimally invasive or non-invasive methods.

Berlin

Berlin offers world famous sites of contemporary and classical architecture, museums, art galleries, two zoos and much more. For those who wish to experience the vibrant cultural life of the capital, there are good public transport connections within the city.

<http://visitberlin.de/en>

Further information

For questions on the scientific programme, workshops, accommodation and for details of abstract and poster submission, please contact the conference office:

- >> phone: (+49) 30/ 5168 - 127
- >> fax: (+49) 30/ 5126 - 104
- >> e-mail: symposium@izw-berlin.de
- >> internet: <http://www.izw-berlin.de>

Please use this information to inform your colleagues!



9th International Conference on Behaviour, Physiology and Genetics of Wildlife

18th - 21st September 2013
Berlin, Germany

Copyright 2013 >> Jana Ehrhardt, Anke Schumann >> www.izw-berlin.de photo: African elephant, © Jürgen Krause

Evolutionary wildlife research for conservation

Dear Colleague,

On behalf of the Leibniz Institute for Zoo and Wildlife Research (IZW) and the European Association of Zoos and Aquaria (EAZA) we wish to extend a cordial invitation to you to participate in the 9th International Conference on Behaviour, Physiology and Genetics of Wildlife, between the 18th and 21st September 2013.

The conference will be held in Berlin, in the facilities of the Federal Institute for Risk Assessment (Bundesinstitut für Risikobewertung, BfR).

The aim of the meeting is to foster an exchange of ideas between wildlife scientists from different disciplines with an interest in both wild and captive animals, with a focus on mammalian species. We have secured an impressive list of plenary speakers and workshop organisers for detailed discussions.

Our colleagues of the Conference Organising Committee and we are looking forward to welcoming you on the 18th of September 2013!

Sylvia Ortmann, Bettina Wachter, Heribert Hofer
[Leibniz Institute for Zoo and Wildlife Research (IZW)]

Main topics and Plenary speakers

- Behavioural Ecology

Hanna Kokko (*The Australian National University, Australia*)

- Stress & Disturbance

Samuel K Wasser (*University of Washington, USA*)

- Reproduction Biology

Naida M Loskutoff (*Omaha's Henry Doorly Zoo and Aquarium, USA*)

- Conservation Genetics

Conrad A Matthee (*Stellenbosch University, South Africa*)

- Conservation Biology

Robert C Lacy (*Chicago Zoological Society, USA*)

Workshops

Making the best use of NGS (next-generation sequencing): difficult samples and/or loci

Daniel Förster (IZW), Jörns Fickel (IZW), Simone Sommer (IZW)

- how to transfer genomic tools and techniques to non-model organisms
- specific techniques to prepare libraries for NGS
- most appropriate NGS platform to use for sequencing particular projects

Cryopreservation of gametes and embryos for conservation breeding

Karin Müller (IZW), Katarina Jewgenow (IZW)

- basics of cryopreservation (semen, oocytes, embryos and reproductive tissue)
- presentation of current technology
- hands-on seminar on simple methods for semen preservation

Ecophysiology of wildlife

Marcus Clauss (*University of Zurich*), Sylvia Ortmann (IZW), Christian C Voigt (IZW)

- energetics
- stable isotope ecology
- digestive physiology, dietary analysis
- size and allometry

Behavioural rhythms

Gertha und Günther Fleissner (*Johann Wolfgang Goethe-University*), Anne Berger (IZW)

- description and analysis of behavioural rhythms
- ecological relevance and importance of biological rhythms for wildlife management, animal welfare and conservation

Advanced imaging techniques for conservation medicine

Guido Fritsch (IZW)

- high-end computed tomography in domestic and free-ranging animals

Urban wildlife ecology

Stanley D Gebrt (*The Ohio State University*),
Stephanie Kramer-Schadt (IZW)

- study of behavioural and physiological adaptations (movement behaviour and habitat selection, genetic structure, resource use) of wildlife to urban environments
- stressors and selective pressures to wildlife in cities
- infectious diseases and risk assessment
- consequences of wildlife in cities and wildlife management at the expanding human-wildlife interface

Conservation

Marion L East (IZW)

- high loss of biodiversity
- degradation of habitats
- global alteration of ecological processes
- rigorous assessment of conservation methods

Using genetic tools for population management (EAZA workshop)

Kristin Leus (CBSG and EAZA),
Zjef Pereboom (RZSA and EAZA)

- how molecular instruments can be used for the sustainable management of captive and free-ranging populations

Abstract submission

Abstract submission deadline: 17th June 2013

Abstracts must be in British English and should be submitted electronically. Please ensure that abstracts conform to the guidelines outlined on the conference website.

Additional scientific workshop during September 2013 in Berlin

Non-Invasive Monitoring of Hormones
(23rd to 27th September 2013)

Further information: <http://www.izw-berlin.de/workshops-129.html>

Leibniz Institute for Zoo and Wildlife Research

European Association of Zoos and Aquaria

