



## Pre-conference programme

### Saturday, 19 July 2008

13:00 to 17:00 Registration (museum building)

### Sunday, 20 July 2008

09.00 Excursion: "Saxon Switzerland – Elbe Sandstone Mountains"  
(easy hiking route) <http://www.saechsische-schweiz.de>  
(not included in the conference fee, price: 15 €)  
meeting point in front of the Humboldt-Haus

15:00 to 18:00 Registration (museum building)

17:30 to 19:00 Meeting of the CIM Council  
(Hotel "Börse")

19:00 Come-together meeting (included in the conference fee);  
(seminar room, museum building)

## Conference programme

### Monday, 21 July 2008

Lectures will be held in the Lecture Hall, Humboldt-Haus, Platz des 17. Juni 2/3 (see map). Posters will be displayed in the seminar room in the main building, Am Museum 1.

08:00 to 9:00 Registration (entrance to the Lecture Hall, "Humboldt-Haus")

08:00 to 9:00 Installation of posters (seminar room, museum building)

09:00 Official conference opening  
welcome addresses

Prof. Dr Willi Xylander  
Director of the State Museum of Natural History Görlitz

Dr Eva-Maria Stange  
State Minister of Science and Art

Joachim Paulick  
Lord Mayor of the City of Görlitz

<b>Section 1 – Evolution, phylogeny and comparative morphology</b>
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09:30 to 13:00

**Chairman:** B. Meidell, Bergen (Norway)

09:30

**Keynote speaker:**

C. Müller, Rostock (Germany)

“Many ways to reach the goal – how evolutionary morphology may help to settle phylogenetic controversies about Myriapoda”

10:15

G. D. Edgecombe, London (UK)  
M. Koch, Berlin (Germany)

“Phylogeny of the Scolopendromorpha (Chilopoda) – the morphological evidence”

10:35

M. Koch, Berlin (Germany)  
S. Pärshcke, Berlin (Germany)  
G. D. Edgecombe, London (UK)

“Evolution of the gizzard in the Scolopendromorpha (Chilopoda)”

10:55

G. D. Edgecombe, London (UK)  
G. Giribet, Cambridge (USA)

“A century plus years later and another round of scutigermorph phylogeny, focusing on higher-level systematics and the use of molecular data for addressing species problems”

11:15 to 11:35

Coffee break

11:35

K. Pitz, Chicago (USA)  
P. Sierwald, Chicago (USA)

“Phylogenetics of the order Spirobolida (Diplopoda, Helminthomorpha)”

11:55

A. Chagas, Rio de Janeiro (Brazil)

“The phylogenetic analysis of the centipedes Scolopocryptopinae (Chilopoda, Scolopendromorpha)”

12:15

A. Sombke, Jena (Germany)  
S. S. Harzsch, Jena (Germany)  
B. Hansson, Jena (Germany)

“Brain structure of *Scutigera coleoptrata* (Myriapoda, Chilopoda): new insights into the evolution of mandibulate olfactory centers”

12:35

O. Kraus, Hamburg (Germany)

“Similarity or relationship? Comparison of extant spined polydesmoids and Late Carboniferous archipolypods (Diplopoda)”

13:00 to 14:30

Lunch break

## Section 2 – Embryology, post-embryonic development and life history

14:30 to 17:00

**Chairman:** J.-J. Geoffroy, Brunoy (France)

14:30

**Keynote speaker:**

W. Damen, Cologne (Germany)

“Embryonic and post-embryonic development of myriapods”

15:15

L. Drago, Padova (Italy)

G. Fusco, Padova (Italy)

A. Minelli, Padova (Italy)

“Becoming adult: the impact of gonopods on male millipede trunk anatomy”

15:35

E. Lazanyi, Budapest (Hungary)

Z. Korsós, Budapest (Hungary)

“Fluctuating asymmetry of millipedes”

16:00 to 16:20

Coffee break

16:20

M. Leśniewska, Poznań (Poland)

L. Bonato, Padova (Italy)

G. Fusco, Padova (Italy)

“Segmental abnormalities in a Polish population of *Stigmatogaster subterranea* (Chilopoda, Geophilomorpha): a multi-year survey”

16:40

M. Short, Burwood Vict. (Australia)

C. Huynh, Burwood Vict. (Australia)

“Determining the life history of the bristly millipede *Phryssonotus novaehollandiae*: how different are synxenids from polyxenids?”

17:00

S. Simaiakis, Irakleio (Greece)

“Geographic variation in segment number in *Himantarium gabrielis* (Chilopoda, Himantariidae) and the hypothesis of a cryptic species in Apennine peninsula”

17:30 to 18:00

Poster session I (Section 4)  
(seminar room, museum building)

18:15

Photo session on the steps of the City Hall

18:30

Reception with the Lord Mayor of Görlitz followed by a guided tour “Görlitz by Night”

<b>Tuesday, 22 July 2008</b>
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<b>Section 3 – Physiology and functional anatomy</b>
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09:00 to 10:25

**Chairman:** W. Damen, Cologne (Germany)

09:00

**Keynote speaker:**

J. Rosenberg, Essen (Germany)

“Comparative and functional morphology in Chilopoda: facts and gaps”

09:45

G. Kania, Lublin (Poland)

“Elements of the *Glomeris hexasticha* (Brandt, 1833) (Glomerida, Diplopoda)”

10:05

E. O. Horneland, Valevaag (Norway)  
B. Meidell, Bergen (Norway)

“Post-embryonic development of *Strigamia maritima* (Leach, 1817) (Chilopoda, Geophilomorpha, Linotaeniidae), with emphasis on how to separate the different stages”

10:25

W. Xylander, Görlitz (Germany)

“Haemolysins and other potential antibiotic haemolymph proteins from Diplopoda and Chilopoda”

10:45 to 11:05

Coffee break

<b>Section 4 – Advances in systematics and biodiversity</b>
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11:05 to 17:10

**Chairman:** O. Kraus, Hamburg (Germany)

11:05

**Keynote speaker:**

H. Enghoff, Copenhagen (Denmark)

“What is taxonomy?”

11:50

W. Dohle, Berlin (Germany)

“Panarthropoda – Arthropoda – Euarthropoda  
On names, terms and sense”

12:10

St. Negrea, Bucharest (Romania)

“Critical evaluation of specimens of the *Lithobius validus*-group Meinert (Chilopoda: Lithobiidae) in the collections of Z. Matic and S. Negrea”

12:30

N. Akkari, Tunis (Tunisia)  
P. Stoev, Sofia (Bulgaria)

“Biodiversity, distribution and habitat preferences of the Tunisian millipedes (Diplopoda)”

- 12:50  
L. Bonato, Padova (Italy) “Geophilomorph centipedes in the Mediterranean region:  
A. Minelli, Padova (Italy) revising taxonomy opens new evolutionary vistas”
- 13:10 to 14:30 Lunch break
- Chairwoman:** K. Voigtländer, Görlitz (Germany)
- 14:30  
J. Lewis, London (UK) “A review of the characters used in the taxonomy of  
*Cryptops* (subgenus *Cryptops*) (Scolopendromorpha,  
Cryptopidae)”
- 14:50  
A. Schileyko, Moscow (Russia) “New record of Ectonocryptopinae from Belize with a  
critical survey of current knowledge of the systematics of the  
order Scolopendromorpha”
- 15:10  
R. Mesibov, Launceston (Australia) “New and little-used morphological characters in  
Polydesmida (Diplopoda)”
- 15:30 to 15:50 Coffee break
- 15:50  
P. Sierwald, Chicago (USA) “A world-wide species catalog for the class Diplopoda”
- 16:10  
P. Djursvoll, Bergen (Norway) “The geographical distribution and morphological variation  
in *Polydesmus coriaceus* Porat, 1870, including description  
of a new species from Spain”
- 16:30  
M. Short, Melbourne (Australia) “A new Australian species of bristly millipede in the  
C. Huynh, Melbourne (Australia) family Polyxenidae raises questions about the genus  
*Propolyxenus*”
- 16:50  
H. Read, Farnham Common (UK) “Siphonophoridae: review and evaluation of taxonomic  
H. Enghoff, Copenhagen (Denmark) characters following the study of a collection from  
Brazil”
- 17:20 to 19:00 Poster session II (Section 2, 6 and 7)  
(seminar room, museum building)

<b>Wednesday, 23 July 2008</b>
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09:00	Excursion to the “Upper Lusatia Heath and Pond Landscape Biosphere Reserve” <a href="http://www.biosphaerenreservat-oberlausitz.de">http://www.biosphaerenreservat-oberlausitz.de</a> meeting in front of the Humboldt-Haus
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<b>Thursday, 24 July 2008</b>
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<b>Section 5 – Myriapod distribution: faunistics and biogeography</b>
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09:00 to 15:35

**Chairman:** H. Enghoff, Copenhagen (Denmark)

09:00

**Keynote speaker:**

S. I. Golovatch, Moscow (Russia)

D. Kime, La Chapelle Montmoreau  
(France)

“Millipede (Diplopoda) distributions: a review”

09:45

E. Mikhajlova, Vladivostok (Russia)

“The millipedes (Diplopoda) of the islands in the Far East of Russia”

10:05

P. Nefediev, Tomsk (Russia)

J. Nevedieva, Tomsk (Russia)

“Zoogeographical analysis of the millipede fauna (Diplopoda) in the south-east of western Siberia”

10:25

V. Ilie, Resita (Romania)

“Present knowledge on centipedes (Myriapoda, Chilopoda) in Romania – a zoogeographical and bibliographical analysis 1850 – 2007”

10:45

St. Negrea, Bucharest (Romania)

“On the populations of *Eupolybothrus* (*Leptopolybothrus*) *tridentinus* (Faganzo, 1874) (Chilopoda, Lithobiida) of the Romanian Carpathians”

11:05 to 11:25

Coffee break

11:25

I. Kos, Ljubljana (Slovenia)

“Centipedes of the Dinaric Mountains (Europe)”

11:45

J. Tufova, Olomouc

(Czech Republic)

K. Pavelková, Olomouc

(Czech Republic)

K. Tajovský, České Budějovice (Czech Republic)

Ivan H. Tuf, Olomouc (Czech Republic)

J. Štrichelová, Olomouc (Czech Republic)

“Millipedes and centipedes of the White Carpathians, Czech Republic”

12:05

A. Mock, Košice (Slovakia)V. Sustr, České Budějovice  
(Czech Republic)

B. Molitorisova, Košice (Slovakia)

J. Hamorsky, Košice (Slovakia)

“Distribution of millipedes (Diplopoda) along a climatic inversion compared to their thermopreferences: a case study from the Zadiel Gorge (Slovakia)”

12:25

H. Hauser, Groß Glienicke (Germany)

K. Voigtländer, Görlitz (Germany)

“Zoogeography of the millipedes (Diplopoda) of eastern Germany”

12:45 to 14:15

Lunch break

**Chairman:** J. Lewis, London (UK)

14:15

E. Stöckli, Basel (Switzerland)

“The fauna of the Swiss Chilopoda: a checklist”

14:35

T. Wesener, Bonn (Germany)

“Phylogeny and biogeography of Giant Pill-Millipedes, with a special emphasis on endemic species from Madagascar (Diplopoda, Sphaerotheriida)”

14:55

M. Hamer, Scottsville (South Africa)

R. Slotow, Scottsville (South Africa)

“Conservation of the millipede (Diplopoda) fauna of the Draksenberg Mountains of South Africa”

15:15

D. Nguyen, Hanoi (Vietnam)

“The millipede family Polydesmidae recorded in Vietnam for the first time, with a description of a new species (Diplopoda, Polydesmida)”

15:40 to 16:00

Coffee break

**Section 6 – Ecology and community studies**

16:00 to 17:25

**Chairwoman:** P. Sierwald, Chicago (USA)

16:00

**Keynote speaker:**

J.-F. David, Montpellier (France)

“Ecology of millipedes in the context of global change”

16:45

A. Barber, Ivybridge (UK)

“Littorial myriapods”

17:05

E. Kondeva, Sofia (Bulgaria)

“Millipedes (Diplopoda) in recreation zones at the foot of Lozen Mountain (Bulgaria)”

17:30 to 18:45

Poster session III (Section 1, 3 and 5)  
(seminar room, museum building)

<b>Friday, 25 July 2008</b>
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<b>Section 6 – Ecology and community studies</b>
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09:00 to 11:20

**Chairman:** S. I. Golovatch, Moscow (Russia)

09:00

K. Tajovský, České Budějovice  
(Czech Republic)  
K. Aurová, České Budějovice  
(Czech Republic)

“Millipede and centipede assemblages in deciduous woodlands affected by ungulate activities”

09:20

J. Wytwer, Warsaw (Poland)  
S. I. Golovatch, Moscow (Russia)  
L. Penev, Sofia (Bulgaria)

“Variation in millipede assemblages in oak woodlands of the eastern European plain (Diplopoda)”

09:40

M. Jabin, Cologne (Germany)  
W. Topp, Cologne (Germany)

“Microclimate and the distribution pattern of centipedes”

10:00

J.-J. Geoffroy, Brunoy (France)  
S. Salmon, Brunoy (France)

“Responses of myriapod communities (Diplopoda & Chilopoda) to environmental management of grassland, woodland and moorland ecosystems in central France (Brenne Natural Park)”

10:20

M. Ion, Bucharest (Romania)

“The chilopod fauna in urban environments in the city of Bucharest”

10:40

P. Riedel, M. Navrátil, I. Tuf,  
J. Tufová, Olomouc (Czech Republic)

“Distribution of centipedes and millipedes in medium-sized town (Hodon and Jičín, Czech Republic)”

11:00

T. Grgič, Ljubljana (Slovenia)

“Comparison of centipede catch with two different sampling methods”

11:20 to 11:40

Coffee break



**Section 7 – The smaller groups: Onychophora, Symphyla, Pauropoda**

11:40 to 13:25

**Chairman:** W. Xylander, Görlitz (Germany)

11:40

**Keynote speaker:**

H. Ruhberg, Hamburg (Germany)      “Researching Onychophora: old knowledge and new insights”

12:25

G. Mayer, Melbourne (Australia)      “Structure and development of the onychophoran nervous system and the evolution of Panarthropoda”  
 S. Harzsch, Jena (Germany)  
 P. M. Whittington, Melbourne (Australia)

12:45

N. Tait, Lane Cove (Australia)      “Cryptic speciation in the Onychophora”  
 J. Norman, Sydney (Australia)  
 C. Edwards, Canberra (Australia)

13:05

S. R. Daniels, Matieland (South Africa)      “Spectacular speciation evident among South African velvet worms (Onychophora, Peripatopsidae, *Peripatopsis*): conservation implications”  
 M. Picker, Rondebosch (South Africa)  
 M. L. Hamer, Scottsville (South Africa)

15:00 to 17:00

General Assembly

19:00

Farewell dinner and official end

**Outside the conference programme****Saturday, 26 July 2008**

09:00

Sight-seeing tour to Dresden, Capital of Saxony  
 Accommodation in Dresden is possible.  
 (not included in the conference fee, price: 20 €)  
 meeting point in front of the Humboldt-Haus

Organising Committee:

Prof. Dr Willi Xylander  
Dr Karin Voigtländer  
Dr Hans-Jürgen Schulz  
Mrs Katrin Adam

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