



110th Annual Meeting of the German Zoological Society

Satellite Symposium: Genomic Systematics

September 11 – 12, 2017

Monday, September 11

13:55 **Welcome**
Sven Bradler (Göttingen, Germany) & Torsten Hugo Struck (Oslo, Norway)

14:00 **State of the art of phylogenomics: promise and pitfalls.**

Christoph Bleidorn

Museo Nacional de Ciencias Naturales, Madrid, Spain

15:00 Coffee

15:30 **Beyond doubly uni parental inheritance (DUI): The unusual coexistence of two mitochondrial genomes in a long-lived marine bivalve**

Christoph Held, C. Dégletagne, G. Glöckner, B. Alric, H. Gruber, D. Abele

Alfred Wegener Institute, Am Handelshafen 12, 27570 Bremerhaven, Germany

15:55 **Taxon-specific matrices and the power of phylogenomic analyses to resolve critical nodes: A case study of Tetraconata**

Martin Schwentner^{1,2,*}, Stefan Richter³, D. Christopher Rogers⁴
and Gonzalo Giribet¹

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³ Allgemeine und Spezielle Zoologie, Universität Rostock, Universitätsplatz 2, 18055 Rostock, Germany

⁴ Kansas Biological Survey, Kansas University, Higuchi Hall, 2101 Constant Avenue, Lawrence, KS 66047, USA

16:20 **Exploring phylogenetic relationships in Western Australian *Amitermes*.**

Bastian Heimburger, S. Agne, P. Schmidt, Tamara R. Hartke

J.F. Blumenbach Institute of Zoology and Anthropology, University of Göttingen,
Untere Karspüle 2, 37073 Goettingen, Germany

16:45 **Short reads from honey bee (*Apis* sp.) sequencing projects reveal microbial associate diversity**

Michael Gerth & Gregory D. D. Hurst

University of Liverpool, Institute of Integrative Biology, Biosciences Building, Crown
Street Liverpool L69 7ZB, United Kingdom

Tuesday, September 12

09:30 **Incongruent and confounding signal in large phylogenomic datasets:
The Palaeoptera Problem – a case study**

Sabrina Simon

Wageningen University, Wageningen, Netherlands

10:30 Coffee

11:00 **Using retroposons and other rare genomic changes as phylogenetic markers**

Alexander Suh

Dept. of Evolutionary Biology (EBC), Uppsala University, Norbyvägen 18D,
SE-752 36 Uppsala, Sweden

12:00 End of symposium