

Schedule

25th Annual Meeting of the Society of Biological Systematics

26.2.2024 – 29.2.2024 in Bonn

Monday, 26th February 2024

12:00	Registration starts
14:00	General Assembly / Vollversammlung Taxon-OMICS (nicht öffentlich/private)
14:40	Satellite Symposium Taxon-OMICS
14:45	E. Manzo (Göttingen) <i>Species delimitation on Xanthium, neglected species and more: an update</i>
15:00	S. Heesch (Göttingen) <i>Updating the taxonomy of the green algal family Prasiolaceae</i>
15:15	P. Marinček (Göttingen) <i>Insights into global phylogeny, biogeography and morphological patterns of shrub willows (Salix L.)</i>
15:30	Coffee break
16:00	A. Žerdoner Čalasan (München) <i>Littoral connection hypothesis in time and space</i>
16:15	C. Nehrke (Oldenburg) <i>Hybrids in Veronica subg. Pseudolysimachium: V. x media as a case sample</i>
16:30	J. P. Bradican (Göttingen) <i>Range expansion in Ranunculus auricomus agg. and an examination of the status of Ranunculus monophyllus Ovcz.</i>
16:45	E. Marabuto (Dresden) <i>The phylogenetic relationships and wing pattern evolution of burnet moths (Zygaena) using museomics</i>
17:30	
-	Ice breaker & Reception
20:00	

Tuesday, 27th February 2024

09:00	Opening address
09:15	Main talk Sebastian Hess (Darmstadt) <i>The hidden life of vampire amoebae: from natural history to cell biology</i>
10:15	Main talk Daniela Winkler (Kiel) <i>The wisdom of teeth - experimental approaches for palaeodiet inference</i>
11:15	Coffee break
11:45	T. Bartolomaeus (Bonn) <i>Status of Taxonomic Expertise</i>
12:00	F. Deister (München) <i>Filling gaps is great, but where and what?</i>
12:14	A. Blanke (Bonn) <i>Evolutionary dynamics of wing shape in dragonflies and damselflies</i>
12:30	N. Vontzou (Bonn) <i>Unraveling the horizontal transfer of transposable elements (HTT) across the avian Tree of Life</i>
12:45	Lunch break
14:15	*A. Eichsteller (Wilhelmshaven) <i>Genetic connectivity and distribution of brittle stars from the deep</i>
14:30	L. Escherich (Regensburg) <i>Species delimitation in intensively hybridizing genera based on herbarium specimens – the CARRARA approach</i>
14:45	*S. Gippner (Braunschweig) <i>A prominent role for hybridization and ghost lineages in shaping the diversity of Palearctic frogs in the Rana temporaria complex</i>
15:00	*J. Freudenthal (Cologne) <i>Deep molecular characterization of microorganisms' diversity and community composition in the tree canopies</i>
15:15	*Y. Schöneberg (Trier) <i>From field to museum: Advances and obstacles in developing a standardized multilocus barcoding approach</i>
15:30	*J. van der Spron (München) <i>Usage of clade-specific-elements for understanding morphological evolution in challenging demosponge taxa</i>
15:45	Coffee break
16:15	*M. Rola (Bonn) <i>Investigating Microbial communities associated with temperate coral gardens in the context of marine restoration</i>
16:30	A. Kieneke (Wilhelmshaven) <i>The meiofauna community of a peculiar habitat 'bioengineered' by megafauna of the Central Arctic Langseth Ridge, with a special focus on the Gastrotricha</i>
16:45	*R. Trokhymchuk (Wilhelmshaven) <i>The tardigrade community of the Southern Ocean deep-sea bottom</i>
17:00	A. Schmidt-Rhaesa (Hamburg) <i>Recent approaches to the taxonomy and phylogeny of Priapulida</i>
17:30	
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21:00	Poster session with food and drinks

Wednesday, 28th of February 2024

09:15	Main talk Michael Matschiner (Oslo) <i>Phylogenomic insights into adaptive radiations</i>
10:15	Main talk Julia Bechteler (Kaiserslautern) <i>Old and active: New insights on bryophyte diversity and evolution from nuclear target enrichment data</i>
11:15	Coffee break
11:45	*M. Putignano (Frankfurt) <i>The Amphiglena Enigma: Matching Morphology and Molecules to Uncover Hidden Diversity</i>
12:00	F. J. Ruiz-Ruano (Bonn) <i>Evolutionary dynamics of the songbird germline-restricted chromosome</i>
12:14	*M. Wittenhorst (Bonn) <i>Molecular analysis of predator-prey-relations: A reciprocal link between invertebrate activity patterns and the preferred diet of Plecotus sp.</i>
12:30	P. Arnold (Potsdam) <i>Low genome-wide phylogenetic discordance informs about the mode of diversification in sengis (Mammalia, Macroscelidae)</i>
12:45	Lunch break
14:15	*M. Brasseur (Trier) <i>Genomic signatures of heat stress in the eelpout Zoarces viviparus</i>
14:30	C. Mayer (Bonn) <i>From data to discovery: Machine Learning's impact on biological analyses</i>
14:45	A. Torgasheva (Bonn) <i>Germline-restricted chromosome in songbirds: extraordinary variation in size and genetic content</i>
15:00	*I. Borges (Bonn) <i>Ancient satellite DNA and rapid turnover across passerine birds</i>
15:15	Y. Pei (Bonn) <i>Occasional paternal inheritance of the germline-restricted chromosome in songbirds</i>
15:30	Coffee break
16:00	*E. Becher (Hamburg) <i>Phylogeny and species delimitation in Albinaria from western Crete (Gastropoda: Clausiliidae)</i>
16:15	L. Dietz (Bonn) <i>Phylogeny and biogeography of Pleophylla chafers (Coleoptera: Scarabaeidae): a case study on the connectivity of African forests using museomics</i>
16:30	N. Hassel (Hamburg) <i>Whole Genome Amplification and Sequencing of Anthracoidea - a promising method to understand evolution of effectors in smut fungi</i>
16:45	A. Petzold (Potsdam) <i>Unlocking the genetic potential of type specimen collections to solve taxonomic conundrums in frogs (Microhylidae: Cophylinae)</i>
17:00	E. Ortiz (Freising) <i>Captus: Simplifying the bioinformatic analysis of genomic data for phylogenomics</i>
19:00	Conference Dinner in the Restaurant SANDER

Thursday, 29.2.2024

09:15 | Main talk

Ekin Tiliç (Frankfurt)

From a Pond's Edge into the Abyss: Discovery of New Species

10:15 | Rensch Ceremony

11:00

Coffee break

11:30 | General Assembly / Mitgliederversammlung (in German) mit Preisverleihungen und Ehrungen

13:00 | Farewell