

Time	Monday			
09:00				
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11:00	LWL Museum tour Highlight tour of the exhibition "Surviving Among Dinosaurs and Scale Trees"			
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12:30	Section Speaker Meeting (F 42)		DZG Board Meeting (F41)	
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13:30	DZG Board + Section Meeting (F42)		Registration (luggage deposit F 43)	Coffee Bar
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15:30	Welcome Address (F1)			
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16:00				
16:15	Plenary Talk 1 Daniel Kronauer (F1) Ant Societies: From Behavior to Neural Circuits			
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17:30	Keynote Evo Ulrich Knief (F1) How culture leaves a genomic		Keynote Neuro Maike Kittelmann (F2)	
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18:00	Keynote Evo Maria Moiron (F1) Evolution in Real Time:		Keynote Neuro Hanna Zwaka (F2)	
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18:30	Poster Session (1st/2nd floor)			
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Time	Tuesday, 08.09.2026			
09:00	Plenary Talk 2 Charissa de Bekker (F1)			
09:15	Unraveling the hijacking strategies of zombie-making parasites: A tale of ants and fungi			
09:30				
09:45				
10:00				
Room	F1	F2	F4	F5
10:15	EVO1 Prüser "The evolution of circadian rhythm strength in locomotor activity of Tribolium castaneum"	ECO1 Beaulieu "Wild Animal Welfare Science: The emerging field at the intersection between animal welfare and ecology"	BEHAV1 Gorshkova "Colonisation on novel diets: Behavioural and physiological responses of wild house mice during early colonisation stages in new environments with different diets."	PHYS1 Dereuder "Strobilurins fungicides inhibit the mitochondrial metabolism of mussels"
10:30	EVO2 Fluch "Too hot to handle: The influence of heat stress on the parental care of burying beetles"	ECO2 Oliver "Comeback of the Red Kite in East Westphalia"	BEHAV2 Rimbach "Heatwave treatment reduces behavioural predictability but preserves individual differences in woodlice"	PHYS2 Steinmetz "Mitochondrial redox buffering as a conceptual paradigm enabling animal-algal photosymbiosis"
10:45	EVO3 Thünken "From traits to processes: An integrative perspective on inbreeding using a cichlid fish model!"	ECO3 Pedraza "Local ant fauna recovery following control of Linepithema humile, but no additional benefit of behavior-manipulation approaches"	BEHAV3 Maune "Cities are changing the social lives of animals"	PHYS3 Roeder "Environmental Stress Accelerates Airway Aging Through Persistent Innate Immune Activation"
11:00	coffee break			
11:15				
Room	F1	F2	F4	F5
11:30	EVO4 Grubmüller "Prenatal maternal effects buffer offspring against reduced post-hatching care in a burying beetle"	ECO4 Müller, H. "Invasive clam Corbicula sp. as a bioindicator for microplastic concentrations in the final effluents of wastewater treatment plants"	BEHAV4 Varga "The heat of the moment: validating thermal markers of reactivity along coping styles in small mammals"	SYS1 Li "The structural diversity of mollusk shells during Cambrian radiation"
11:45	EVO5 Onsal "The early social environment influences fitness in a colonial-breeding seabird"	ECO5 Gabel "Impacts of Tire Wear Particles and leached heavy metals on Gammarus pulex"	BEHAV5 Sommese "A Cross-Species Comparison of Behavioural Welfare Indicators Among Guinea Pig, Rat, and Chinchilla Caretakers in Austria and Germany"	SYS2 van der Sprong "A Host–Symbiont Association as a Synapomorphy Within the Taxonomic Conundrum of the Haplosclerida (Phylum Porifera)"
12:00	EVO6 Müller, L. "Challenging Upbringing – Quality of Parental Care influences early Offspring Development in a Facultatively Caring Beetle"	ECO6 Krings "Elemental reshaping of gastropod radular teeth during functional use"	BEHAV6 Prettyman "Effects of early-life rearing conditions and supplementary UV-A lighting on laying-hen behaviour"	SYS3 Linde "Tiny but Mighty – An Integrative Taxonomic Revision of Huttoniidae (Araneae), an Endemic New Zealand Spider Family"
12:15	lunch			
12:30				
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13:30	Plenary Talk 3 Florian Leese (F1)			
13:45	From a simple idea to global biodiversity observation: the (e)DNA revolution and its unfinished business			
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14:45	Keynote Dev Can Aztekin (F1)		Keynote Eco Maja Ilić (F2)	
15:00	Signaling centers of appendage regeneration: from frogs to mammals		Traits in a Warming World: Understanding Heat Tolerance in Zooplankton	
15:15	Keynote Dev Vera Tereblanche Hunnekuhl (F1)		Keynote Eco Maximilian Körner (F2)	
15:30	Losing the Essential: Evolution of Neuropeptide Processing Genes		Beetle Minds and Microbial Management: Behavioral and Immune Adaptations in the evolution of (bi)parental care	
15:45	coffee break			
16:00				
Room	F1	F2	F4	F5
16:15	EVO7 Silvania Cavalcanti "The Scent of Growing Up: Dynamic Larval Profiles During Family Life in Burying Beetles"	ECO7 Berger "Automatized size measurement of fire salamanders using computer vision: comparison with established methods and application in a large-scale case study"	BEHAV7 Drerup "Cuttlefish adapt their camouflage strategies under naturally occurring dynamic lighting"	SYS4 Schöneberg "An accessible molecular approach to tackle the taxonomic urgency"
16:30	EVO8 Ricemeyer "Gene conversion empowers natural selection in a clonal fish species"	ECO8 Schulenberg "Water flow analysis reveals hydrodynamic differences between ecological morphs of Daphnia"	BEHAV8 Jani "Eight legs, eight glands, endless possibilities: rethinking spider silk use"	SYS5 Struck "Promises and challenges of macrosynteny as a phylogenetic marker considering robusticity"
16:45	EVO9 Rinke, S. "Different paths to sociality: genomic footprints in weevils"	ECO9 Horstmann "Interplay of body size, behaviour and predation strategy in Daphnia inducible defences"	BEHAV9 Engelhardt "Does self-interest limit prosocial behaviour in the prosocial choice test and giving assistance task?"	SYS6 Mack "An interdisciplinary approach for monitoring ground beetle community health in salt marshes"
17:00	coffee break			SYS7 Pfeifer "Phylogenomics and morphometrics reveal new species and signals of an adaptive radiation in Vanuatuan Strumigenys trap-jaw ants (Hymenoptera: Formicidae)"
17:15				
Room	F1	F2	F4	F5
17:30	EVO10 van den Bos "Weismannian insulation of the superorganismal germline"	ECO10 Mutingwende "Profile of chemical alarm cues in freshwater gastropods: Integrating GC-MS, behavioural responses, and morphological adaptations."	BEHAV10 Beleyur "Multi-disciplinary insights into active sensing collectives"	NEURO1 Coculla Temporal niche in Drosophila melanogaster: the importance of living a temporally organised life and the role of Hsp83 in temporal niche expansion.
17:45	EVO11 Rinke, J. "Transposable element islands at the interface of 3D genome architecture and karyotype evolution"	ECO11 Sommerfeld "Functional ecology of Steninae (Coleoptera: Staphylinidae) in Northeast India"	BEHAV11 Huber "Better Together – How Offspring Cooperation Shapes Benefits across Family Contexts"	
18:00	EVO12 Schulz "Bidirectional interactions between circadian rhythms and immunity in Tribolium castaneum"	ECO12 Kukla "Temporal niche partitioning in a global lizard radiation"		
18:15				NEURO2 Montanari Neuronal contributions to thermal adaptation across timescales in a cnidarian nerve net

Time	Wednesday 09.09.2026			
09:00	Plenary Talk 4 Elena Gracheva (F1)			
09:15	Neurophysiological adaptations of hibernation: solutions to environmental challenges			
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Room	F1	F2	F4	F5
10:15	EVO13 Kurtz "Cellular signatures of immune manipulation in a classic model of host–parasite coevolution at single-cell resolution"	ECO13 Schäfer "From Sabre-teeth to self-medication: How a single ecological factor drives outstanding evolutionary innovations in a frog."	BEHAV12 Scheumann "Impact of conspecifics, prey and predators on the evolution of the hearing range of the smallest terrestrial mammal, the Etruscan shrew"	MORPH1 Heykes "Genital damage as a means of avoiding sperm competition: the case of orb-weaving spiders"
10:30	EVO14 Kowalko "Identifying the genetic underpinnings of repeated behavioral evolution"	ECO14 Saji "Spatial ecology and sex-specific space use in the West African Saber-toothed frog (Odontobatrachus arndti)"	BEHAV13 Moger "Modelling active sensing collectives- Can bats tracking consistency avoid jamming cost in groups?"	MORPH2 Hilgendorf "How variable is the morphology of the crustacean olfactory lobe? A comparison of isogenic and genetically diverse Procambarus crayfish"
10:45	EVO15 Santacruz "Mechanisms of Intestinal Starvation Resilience in the Mexican Cavefish"	ECO15 Uhl "Metabolic costs of winter warming in a spider."		MORPH3 Wehner "A conserved syncytial nerve net across major ctenophore lineages"
11:00	coffee break			
11:15				
Room	F1	F2	F4	F5
11:30	EVO16 Ewers "Six millennia of population genomics and pathogen prevalence from oyster shells"	ECO16 Cuxart i Erruz "Early-life heat shock tolerance in insects. A case study on select Drosophila species"	BEHAV15 Becker "Costly vibes? Male energetic investment in vibratory courtship in response to female feeding condition in the spider Pisaura mirabilis"	MORPH4 van der Poll "Identifying the function of the enigmatic body in cuttlefish and squid suckers"
11:45	EVO17 Sampalla "Subpopulation dynamics in the parasitoid wasp Nasonia vitripennis (Walker 1836) are independent of ecology and Wolbachia-infection"	ECO17 Kramer "HotSecretions: Effects of heat stress on antimicrobial secretions and fitness in an insect with biparental care"	BEHAV16 Mühlenhaupt "Sex smells: Early-life consequences and sexual differences in the chemical phenotype of fire salamanders explored in a mate choice context"	MORPH5 Riedel "The caput-pronotum joint of the acorn weevil Curculio glandium - a self-cleaning ball-and-socket joint"
12:00	EVO18 Preuß "Of Bees and BOOMs – The evolution of a nutritional mutualism between Wolbachia and solitary bees"	ECO18 Maraci "Same City, Same Microbes? Repeatability of the urbanisation-driven microbiome alterations"		MORPH6 Klunk "Are trap-jaw mandibles morphologically adapted to mechanical resistance? The case of Strumigenys ants"
12:15	lunch			
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13:30	Plenary Talk 5 Eva Ringler (F1)			
13:45	What amphibians can teach us about the evolution of parental care			
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14:45	Keynote Phys Annika Herwig (F1) The puzzle of torpor regulation in the Djungarian hamster.		Keynote Sys Daniela Mera-Rodríguez (F2) Evolution of social parasitism and biodiversity of <i>Acromyrmex</i> leaf-cutting ants	
15:15	Keynote Phys Christian Pansch-Hattich (F1) Scales of change: Eco-physiological responses of marine benthic invertebrates to environmental variability in a changing Baltic Sea		Keynote Sys Sven Rossel (F2) Can Proteins Identify Species? Ten Years of MALDI-TOF Mass Spectrometry in Marine Biodiversity Research	
15:45	coffee break			
16:00				
Room	F1	F2	F4	F5
16:15	EVO19 Borgers "Living in the shadows of fungi – the bacterial symbionts of bark beetles"	PHYS4 Bauhus "Parasite diversity affects individual host immunity and immune plasticity in cavefish"		MORPH7 Göpel "Cleared tissue light sheet microscopy reveals cardiac morphology in millimeter-scale crustaceans"
16:30	EVO20 Kupfer "Evolutionary genital morphology of caecilian amphibians updated"	PHYS5 Beck "A fatty acid-binding protein links lipid handling to chitin synthase-dependent cuticle formation and nanoscale organization in Tribolium castaneum"		MORPH8 Koehnsen "The functional morphology of cuttlefish tentacles and implications for controlling strikes"
16:45	EVO21 Lichilin "Evolutionary Dynamics of Sex Biased Gene Expression in Sexually Dimorphic Fireflies"	PHYS6 Pohl "Long-term impacts of a single uptake of imidacloprid on brood care and reproduction in ant founding queens"		MORPH9 Gorshkova "When environment gets to your bones: Morphological responses of wild house mice during early colonisation stages in new environments with different diets."
17:00	coffee break			
17:15	Public Talk Norbert Sachser Die Grenzen der Anpassung - Über das Schicksal der Tiere im Zeitalter des Menschen			
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19:00	Conference Dinner			
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Time	Thursday 10.09.2026			
09:00	Plenary Talk 6 Christian Klämbt (F1)			
09:15	Drosophila glia: from development to behavior			
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Room	F1	F2	F4	F5
10:15	EVO22 Combosch "Nautilus sex determination is unique among cephalopods"	ECO19 Grond "52 weeks later: assessing the status of a European fire salamander population one year after the outbreak of Bsal"	NEURO3 Malkemper "Absence of the Earth's magnetic field induces stress in a mammal"	DEV1 Doveton "The embryotheca of Hydra is a semi-permeable interface allowing embryo communication with the environment and microbiome"
10:30	EVO23 Chen "Molecular methods for understanding lekking behaviour"	ECO20 Drakula "An experimental test on how parasites and individual variation influence predator functional response"	NEURO4 Alev "Functional Identification of Predator-Sensing Ionotropic Receptors in Daphnia"	DEV2 Barf "Unlocking the genomic architecture of Gordionus violaceus: new perspectives on Nematomorpha evolution and development"
10:45	EVO24 Reinisch "Eleven new hymenopteran genomes - A basis for exploring the genomic background of secondary phytophagy"	ECO21 Anaya-Rojas "Can manipulative parasites modify host-mediated trophic effects? Experimental evidence from Schistocephalus solidus and three-spined sticklebacks"	NEURO5 Jaske "Temperature-independent motion processing in the central brain of bumblebees"	
11:00	coffee break			
11:15				
Room	F1	F2	F4	F5
11:30	EVO25 Dovydaitis "Building a macrogenetics database for arthropods"	MORPH10 Cao "Partial Ecological Substitution Over Geological Time Between Praying Mantises and Raptorial Lacewings Uncovered Through Quantifying Prey-Catching Appendage Morphology."	NEURO6 Maric "Unraveling lateral line contributions to escape decisions"	
11:45	EVO26 Kunde "Scalable Genome Annotation Using Novel Neural Network Architectures"	MORPH11 Wolff "Evolutionary biomechanics of maximum running speed in spiders (Araneae)"	NEURO7 Drerup Motion aftereffects induced by dynamic illumination	
12:00	EVO27 Mayer Machine Learning Methods for Biological Inference and Discovery	MORPH12 Wehmann "In vivo investigation of vibrations inside the locust ear"		
12:15	EVO28 Schrader Transposable Elements in Ant Macroevolution	MORPH13 Hein "Evolution of Beetle Leg Joints Revealed by Synchrotron X-ray Microtomography"		
12:30	Section Group Meetings: Neuro, Evol, Dev, Sys/Biogen/Div;			
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13:00	Section Group Meetings: Eco, Phys, Behav, Morph			
13:15				
13:30	lunch			
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14:00	Keynote Morph Guillermo Amador How cuttlefish stick to their prey in milliseconds		Keynote BEHAV Isabel Damas Moreira Enduring together: The role of social behaviour in lizards' resilience to novel environments	
14:15				
14:30	Keynote Morph Daniela E. Winkler Big Teeth, Microscopic Traces: Reconstructing Dinosaur Ecology through Dental Microwear		Keynote BEHAV Sam England The ecology of electrostatics: pollination, parasitism, and predator-prey interactions	
14:45	Texture Analysis			
15:00	coffee break			
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15:30	General Assembly			
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16:30	coffee break			
16:45	Awards Ceremony			
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20:00	Farewell Party			
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Time	Monday				Tuesday				Wednesday				Thursday				Friday															
09:00					Plenary Talk 2 Charissa de Bekker (F1)				Plenary Talk 4 Elena Gracheva (F1)				Plenary Talk 6 (F1)				Symposia 1 Form, Function and Phylogeny		Symposia 2 Non-invasive Methods in Behavioural Ecology: Use of Thermography													
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Location					F1	F2	F4	F5	F1	F2	F4	F5	F1	F2	F4	F5	Morphology, Systematics, Biography & Diversity		Behavirol Biology													
10:15					EVO1	ECO1	BEHAV1	PHYS1	EVO3	ECO3	BEHAV2	MORPH1	EVO22	ECO3	NEURO3	DEV1																
10:30					EVO2	ECO2	BEHAV2	PHYS2	EVO4	ECO4	BEHAV3	MORPH2	EVO23	ECO20	NEURO4	DEV2																
10:45					EVO3	ECO3	BEHAV3	PHYS3	EVO5	ECO5	BEHAV4	MORPH3	EVO24	ECO21	NEURO5																	
11:00	LWL Museum tour				coffee break				coffee break				coffee break																			
11:15					EVO4	ECO4	BEHAV4	SYS1	EVO6	ECO6	BEHAV5	MORPH4	EVO25	MORPH10	NEURO6																	
11:30	Highlight tour of the exhibition "Surviving Among Dinosaurs and Scale Trees"				EVO5	ECO5		SYS2	EVO7	ECO7	BEHAV6	MORPH5	EVO26	MORPH11	NEURO7																	
11:45					EVO6	ECO6	BEHAV6	SYS3	EVO8	ECO8		MORPH6		MORPH12	NEURO8																	
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12:30	Section Speaker Meeting (F 42)		DZG Board Meeting (F41)										lunch																			
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13:00	DZG Board + Section Meeting (F42)		Registration (luggage deposit F 43)		Plenary Talk 3 Florian Leese (F1)				Plenary Talk 5 Eva Ringler (F1)				Keynote Morph (F		Keynote Behav (F2																	
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14:45					Keynote Dev (F1)		Keynote Eco (F2)		Keynote Phys (F1)		Keynote Sys (F2)		coffee break																			
15:00					Keynote Dev (F1)		Keynote Eco (F2)		Keynote Phys (F1)		Keynote Sys (F2)																					
15:15					Welcome Address (F1)				General Assembly (F1)				Awards Ceremony (F1)																			
15:30					coffee break				coffee break																							
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16:15	Plenary Talk 1				EVO7	ECO7	BEHAV7	SYS4	EVO9	PHYS4		MORPH7	coffee break																			
16:30	Daniel Kronauer (F1)				EVO8	ECO8	BEHAV8	SYS5	EVO20	PHYS5		MORPH8																				
16:45					EVO9	ECO9	BEHAV9	SYS6	EVO21	PHYS6		MORPH9																				
17:00					coffee break				SYS7	coffee break																						
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17:30	Keynote Evo (F1)		Keynote Neuro (F2)		EVO10	ECO10	BEHAV10	NEURO1	Public Talk Norbert Sachser (F1)																							
17:45					EVO11	ECO11	BEHAV11																									
18:00	Keynote Evo (F1)		Keynote Neuro (F2)		EVO12	ECO12		NEURO3																								
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18:30	Poster Session (1st/2nd floor)																															
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