

Monday – 20.02.2023 – Montag – 20.02.2023 – Monday – 20.02.2023 – Montag – 20.02.2023 – Monday – 20.02.2023 – Montag

Monday – 20.02.2023

Location: **Aula Magna D0.01** (see site map on page 5)

13:00 **Opening ceremony**
 Welcome by the local organizers, the vice rector of the Free University Bozen-Bolzano, and the President of the DGaaE
 Award of the *Escherich Medal* and the *Fabricius Medal* (see separate program on page 13)

15:30 Coffee break

	Room D1.01	Room D1.02	Room D1.03		Aula Magna D0.01
	Biodiversity Decline and Loss of Insects	Biological Control	Insect-Microorganism Interactions		Young Entomologists' Challenge
	<i>Chair: R. Trusch</i>	<i>Chair: U. Ehlers</i>	<i>Chair: M. Schebeck</i>		<i>Jury: S. Bradler, K. Kramp, L. Maistrello, & F. Nazzi</i>
16:00	Settele, J.: Insects in the context of Science-Policy activities (incl. IPBES and IPCC)	Haye, T.: Consequences of competitive interactions between parasitoids for biological control	Bosco, D.: The bioecological traits of spittlebugs and their implications on the epidemiology of <i>Xylella fastidiosa</i> in Europe		
16:40	Drukker, E. et al.: Soil-plant-insect interactions on herbaceous green roofs: How does it start?	Gonthier, J. et al.: Can we combine parasitoids with an entomopathogenic virus to efficiently control <i>Tuta absoluta</i> ?	Schuler, H. et al.: Diversity and evolution of symbionts in psyllids of the genus <i>Cacopsylla</i>		Young Entomologists' Challenge
17:00	Enns, D. et al.: Flushing Away the Future: The Effects of Wastewater Treatment Plants on Aquatic Insects	Köneke, A. & Böckmann, E.: Wheat undersowing for pest insect regulation in white cabbage	Corretto, E. et al.: Assessing factors influencing the acquisition efficiency of the apple proliferation phytoplasma in <i>Cacopsylla melanoneura</i>		
17:20	Guariento, E. et al.: Butterfly communities in South Tyrol erode from extensive grasslands to intensively used farmland and urban areas	Posada-Vergara, C. et al.: Root colonization by fungal entomopathogen systemically primes belowground plant defense against cabbage root fly	Štarhová Serbina, L. et al.: Seasonal wild dance of dual-obligate symbionts in the pear psyllid <i>Cacopsylla pyricola</i> (Hemiptera: Psylloidea)		

17:40 Short break

Location: **Aula Magna D0.01** (see site map on page 5)

18:00 **Plenary talk of the Entomology Congress 2023**
 Andrea Battisti & Francesco Pennacchio: Insects and their interaction with the environment: New challenges and opportunities

19:00 Short break

Location: **Ground floor unibz-Building** (see site map on page 5)

19:30 **Ice Breaker**

20:30 End of Ice Breaker

11:50	Hallas, T. et al.: Towards a holistic risk assessment of Norway spruce dominated forests under climate change	Schulze-Sylvester, M. & Reineke, A.: Climate change impacts on mealybugs vectoring grapevine leafroll disease	Kuhn, D. et al.: Using a Farnesene Isomer Mixture as an Insecticide Alternative for Aphid Control	Amineni, V.P.S. et al.: dsDNA is a potential competitor for dsRNA degrading nucleases in the watery saliva of <i>Halyomorpha halys</i>	Rahman, S. et al.: Drought matters: Higher aphid performance and reduced parasitoid attraction to plant volatiles alter tritrophic interactions in sugar beet
12:10	Weiss/Wiehe award lecture Lehenberger, M.: Ecology and evolution of symbiotic microbial communities in fungus-farming ambrosia beetles	von Adelmansfelden, S.: Beute- und Nistplatzpräferenzen der neozoischen Grabwespe <i>Isodontia mexicana</i> (Hymenoptera: Sphecidae)	Schmidt, S. et al.: A novel "attract and kill" control strategy against <i>Drosophila suzukii</i> in cherry orchards	Jaume-Schinkel, S.: GBOL III: Two years shining light into the dark taxa: The moth flies project (Diptera: Psychodidae)	Ronchetti, F. et al.: Worker-worker similarity of both gut microbiome and cuticular hydrocarbon profile is higher between nestmates rather than between sisters in a eusocial sweat bee with heavy nest-drifting behaviour

Lunch break
Wednesday – 22.02.2023

	Room D1.01	Room D1.02	Room D1.03	Room D0.02	Aula Magna D0.01
	Forest Entomology	Landscape Ecology and Nature Conservation	Apiculture and Bee Health	Molecular Entomology	Chemical Ecology and Behavior
	Chair: T. Frühbrodt	Chair: T. Fartmann	Chair: S. Angeli	Chair: R. Trusch	Chair: J. Ruther
14:00		Bonelli, S.: The challenges of the UE 2030 agenda: Lesson from butterflies	Nazzi, F.: Pesticide impact on honey bees under realistic field conditions is still debated but the matter is clearer from a systems biology point of view	Petschenka, G.: Adaptations to plant defenses as a driver of insect-plant coevolution	
14:40	Brunkau, M.: Detektion und Überwachung des Auftretens invasiver Arten mittels transportabler Ionenmobilitätsspektroskopie (IMS) und neuartigem Monitoringverfahren – Erste Ergebnisse aus dem Projekt DETMON	Siggelkow, C.: Museum collections and field monitoring schemes give insight into <i>Phengaris</i> butterfly populations and their main distribution in Bavaria	Balogh, J. et al.: Habitat effects on sucrose responsiveness reveal the STRANGENess of honeybees	Rank, A. et al.: Microgels as a novel delivery platform for RNAi-mediated insect pest control	Rahman, S. et al.: Drought differentially affects the preference and performance of <i>Pegomya cunicularia</i> by altering the plant chemistry of sugar beet
15:00	Zankl, T. et al.: The role of parasitoids and pathogens in the collapse of a spongy moth, <i>Lymantria dispar</i> L. (Lep., Erebidae), outbreak in Lower Austria	Blümel, S. et al.: Attractiveness of different flower strips for beneficial arthropods of agricultural landscapes	Favaro, R. et al.: Honeybee pollen loads to monitor pesticides residues and pesticide drift in alpine valleys	Bubeníková, K. et al.: Chalcid wasps and their genomic background: Life strategy and its influence on genes	Rostás, M. et al.: Ecological functions of <i>Trichoderma</i> spp. volatiles in the interaction with soil arthropods and root pathogens
15:20		Weiss/Wiehe award lecture Löffler, F. & Fartmann, T.: Grasshoppers facing land-use and climate change: Range shifts, community dynamics and implications for conservation			Meiners, T. et al.: Fruit in a dish—An assay to test the influence of raspberry varieties and compounds on spotted-wing <i>Drosophila</i> development

Coffee break

Location: **Aula Magna D0.01** (see site map on page 5)

DGaaE-Mitgliederversammlung / General meeting of the DGaaE members
including the award of the *Meigen Medal* and the *Ingrid Weiss/Horst Wiehe Prize*

Location: **Maretsch Castle / Schloss Maretsch** (see site map on page 4)

Farewell party / Gesellschaftsabend
Poster awards & awards of Young Entomologists' Challenge / Posterpreise und Preise der Young Entomologists' Challenge
Access opened from 7 pm / Einlass ab 19 Uhr

End of Farewell Party

Thursday – 23.02.2023

	Room D1.02	Room D1.03	Room D1.01	Aula Magna D0.01	
	Landscape Ecology and Nature Conservation	Apiculture and Bee Health	Molecular Entomology	ISPI Meeting	
	<i>Chair: J. Schumacher</i>	<i>Chair: S. Angeli</i>	<i>Chair: M. Wendt</i>	<i>Chair: J. Gross</i>	
9:10	Obwegs, L. et al.: Multi-taxonomic comparison of arthropod groups between extensive orchard meadows and intensive apple orchards	Lara, E. et al.: Neuartige Markierungen von Bienen mit buntem bzw. fluoreszierendem Mehl sowie ihr digitale Kartierung in georeferenzierten Datenbanken und nachfolgende Detektion mit Online-Kamerasystemen	Cheng, S. et al.: Ecdysone starts dorsal closure and is targeted by selection for fast developing beetle eggs	ISPI Meeting: Member meeting of the International Society of Pest Information. The agenda has already been mailed to ISPI members.	
9:30	Plunger, J. et al.: Soil Biodiversity Monitoring as a useful tool on a way to a sustainable, biodiversity-friendly agriculture	Salah, F.E.E.: Effect of communication towers on the performance and behavior of <i>Apis mellifera</i> L. (Hymenoptera: Apidae) (the external activity)	Plate, C. et al.: Characterization and functional analysis of ABCB transporters in the leaf beetle <i>Chrysochus asclepiadeus</i>		
9:50	Steinwandter, M. et al.: Diversity patterns, community and functional composition of (high) alpine ground-dwelling invertebrates	M. Mustafa: t.b.a.			
10:10					
10:30	Ende der Entomologentagung 2023 / End of the Entomology Congress 2023				

Thursday – 23.02.2023 – Donnerstag – 23.02.2023 – Thursday – 23.02.2023