

BioSyst.EU 2013
Global systematics!



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GfBS
Gesellschaft für
Biologische Systematik
Organismen Diversität Evolution



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Svenska Systematikföreningen

BioSyst.EU 2013 Global systematics! 18-22 February 2013

Programme

Austrian
Official Carrier

Springer

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LGC Genomics

KBio science

IUBS

Development
Journal of Cell Science
DMM Disease Models & Mechanisms
The Journal of Experimental Biology
Biologists

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We make it visible. **BRILL**



Programme-at-a-glance

Monday	17:00-20:00 – Registration	NHM Vienna
	19:00-22:00 – Icebreaker	NHM Vienna
Tuesday	08:00 – Registration	UZA II Entrance hall
	08:30 – Keynote	WU Audimax
	10:20-18:10 – Scientific Symposia	UZA II (Hall 3, 5, 7, 8)
	18:20-20:00 – GfBS Annual Meeting	UZA II (Hall 7)
Wednesday	08:30-17:50 – Scientific Symposia	UZA II (Hall 3, 5, 7, 8)
	12:00-14:00 – BioSyst.EU council-Meeting	UZA II (M.-Neumayr-R.)
	16:10-18:00 – ABOL Meeting	UZA II (E.-Clar-Room)
	16:10-20:00 – GBIF-D Meeting (non-public)	UZA II (M.-Neumayr-R.)
	18:30 – GfBS Rensch Award	UZA II (Hall 7)
Thursday	08:30 – Keynote	WU Audimax
	09:50-16:10 – Software Bazar	UZA II (Room 2D313)
	10:20-17:50 – Scientific Symposia	UZA II (Hall 3, 5, 7, 8)
	16:10-18:00 – WoRMS Editors Workshop	UZA II (M.-Neumayr-R.)
	18:00-19:00 – GfBS JuSys-Meeting	UZA II (Hall 5)
	19:00 – Pickup at Bus Station	Liechtenwerder-Platz
	19:30 – Conference Dinner	Fuhrgassl-Huber
Friday	08:30-16:40 – Scientific Symposia	UZA II (Hall 5, 7, 8)
	17:00 – Closing of the conference	UZA II (Hall 8)
	20:00 – Conference chill-out	Plutzer Bräu

Internet

At the conference site (UZA II building) wireless internet access will be accessible during the course of the conference. You will receive your individual login-details together with your conference packs at the registration desk.

Presentation-upload

Please make sure to upload your presentation files (.ppt, Office 2003) on the day before the session at the registration desk.

Posters sessions

Posters (A0, portrait format) will be exchanged once during the conference. Please attach your poster to the poster wall with your number (see Abstracts vol. p. 243).

- Session A – Tue./Wed. (19 to 20 Feb. 2013)
- Session B – Thur./Fri. (21 to 22 Feb. 2013)

All student posters (including non-GfBS-member contributions) will be evaluated during the congress by a jury. The three best poster presentations will be granted the awards during the conference dinner.

Emergency contacts:

EU emergency phone no.	112
Fire & Rescue Service	122
Police	133
Ambulance	144
Emergency physician	141

Conference bureau:

Gerry Schneider	0043-1-4277-17526
Organizing committee:	
Mathias Harzhauser	0043-664-9360066
Andreas Kroh	0043-676-9559373
Martin Zuschin	0043-650-5370484

Icebreaker – Monday, 18 February 2013

- Free entry to the exhibition of the Natural History Museum Vienna for registered participants (mention at the cashiers desk that you are part of the BioSyst.EU meeting)
- 17:00–20:00 – Registration desk at the Natural History Museum Vienna, possibility for presentation upload
- 19:00–22:00 – Icebreaker at the Natural History Museum Vienna, Maria-Theresien-Platz 1, 1010 Vienna



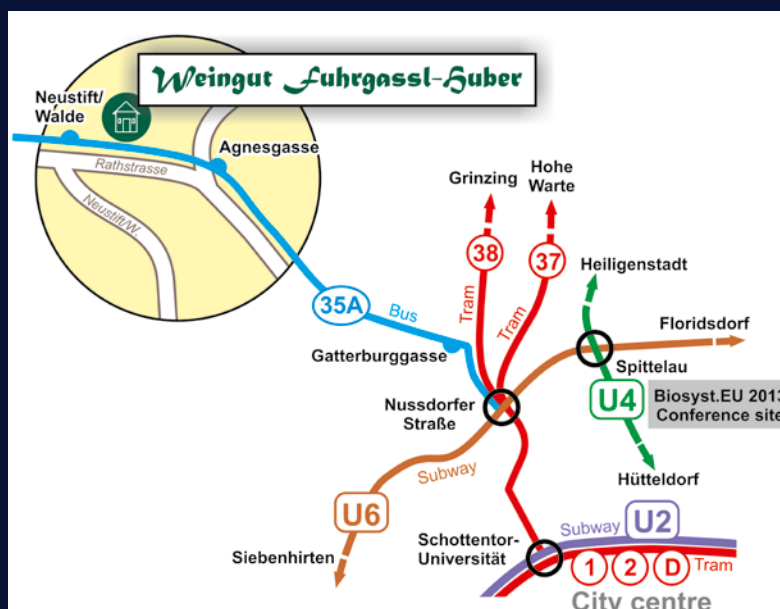
Conference Dinner – Thursday, 21 February 2013

The conference dinner takes place at the "Weingut Fuhrgassl-Huber", a traditional Viennese wine tavern. For your convenience we have arranged a bus service that will pick you up at the conference site on Wednesday at 19:00 (Bus station "Spittelau" of bus line 35A, near Liechtenwerder Platz – see map on the back-cover). The bus is from the Wiener Linien (Vienna lines) and will be labelled "Shuttlebus". Please be sure to bring the invitation included in your conference pack (no admission without invitation).

Address of the restaurant for those who want to travel to the conference dinner on their own:

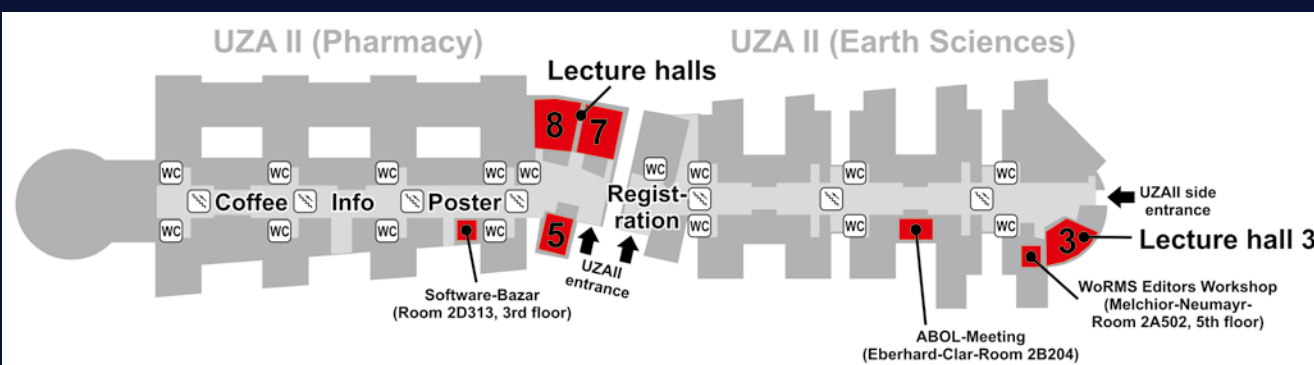
Weingut Fuhrgassl-Huber
Neustift am Walde 68, 1190 Wien
Tel. 0043-1-440 14 05

For the return trip (**not included in the registration fee**) we recommend using bus line 35A (**last trips: 23:40, 23:55**) and the subway or a taxi service (e.g. 0043-1-31300, -40100, -60160).



Tuesday, 19 February 2013

08:30	Keynote - Wiens: The origin and loss of global biodiversity (WU Audimax)				
Lecture Hall (Hörsaal) 3		Lecture Hall (Hörsaal) 5			
09:50-10:20 Coffee Break		09:50-10:20 Coffee Break			
10:20	Mariaux: Parasites - the hidden diversity	Symposium 2 - Evolution of parasites Chair: Hannes Baur	10:20	Sehr et al.: Phylogenetic relationships and dysploidy in <i>Capsicum</i> : Evidence from DNA sequences and other multidisciplinary data	Symposium 13 - Systematics as integrat. sci. Chair: Erik F. Smeets
10:40	Mutafchiev & Mariaux: Biodiversity of spirurid nematodes		10:40	Gaya et al.: Systematics and evolution within the hyperdiverse lichen family Teloschistaceae (Ascomycota, Fungi)	
11:00	Veijalainen: The undiscovered world of tropical ichneumonid parasitoid wasps (Hymenoptera)		11:00	Grand & Vignes-Lebbes: Enhancing integration within biology with theoretical modelling under the semantic conception paradigm	
11:20	Bennett et al.: Morphological and molecular phylogeny of the subfamilies of Ichneumonidae (Hymenoptera)		11:20	Mayer & Ehrendorfer: An improved classification of Dipsacaceae based on morphological and molecular data	
11:40	Heraty: A phylogenetic hypothesis for Chalcidoidea, a hyperdiverse group of insect parasitoids		11:40	Nadot et al.: Phylogenetic relationships in the buttercup family - Improvements brought by a multiple marker approach	
12:00	Rasplus & Cruaud: Community phylogeny and biogeography of figs and wasps		12:00	Ramšák et al.: Different niche occupation by phylogeographic clades of <i>Pelagia noctiluca</i> revealed by ecological niche modelling	
12:20-14:00 Lunch Break		12:20-14:00 Lunch Break			
14:00	Millanes et al.: Diversity, speciation and co-evolution in fungal-parasitic fungi: the <i>Biatoropsis-Usnea</i> system as a model	Symposium 2 - Evolution of parasites Chair: Seraina Klopstein	14:00	Rydin: Integration beyond total evidence – examples from the Gnetales	Symposium 13 - Systematics as ... Chair: Erik F. Smeets
14:20	Litman et al.: Origins, evolution and diversification of cleptoparasitic lineages in long-tongued bees		14:20	Schönenberger & von Balthazar: Comparative floral structure and systematics in the balsaminoid clade (Ericales)	
14:40	Gerth et al.: Investigating horizontal <i>Wolbachia</i> transmission between bees (Anthophila) and their kleptoparasites		14:40	Schulte et al.: How to cope with megadiverse groups? An integrative approach towards reconciling taxonomic concepts in Dendrobiinae	
15:00	Möller: Parasitic life style and its consequences from an evolutionary morphology point of view: Examples from Crustacean groups		15:00	Staedler & Schönenberger: Evolution of tepal morphology and pollination in Calycanthaceae	
15:20	Littlewood et al.: Multiple transitions to parasitism in the Platyhelminthes		15:20	Vrijdaghs & De Block: Floral cups in Rubiaceae. A developmental model	
15:40-16:10 Coffee Break		15:40-16:10 Coffee Break			
16:10	Bergsten et al.: Bayesian species delimitation reveals specialist parasitic wasps in coevolution with chrysomelid beetles	S2	16:10	Gruhl & Okamura: What makes a worm a worm?	Symposium 10 - Evo-devo Chair: A. Wanninger & A. Minelli
16:30	Golombek et al.: The phylogeny of interstitial annelid taxa using Next Generation Sequencing: when morphological data is not enough.	Invertebrate Phylogenomics Chair: Sabina Simon	16:30	Zakrzewski et al.: The evolution of metazoan chitin synthases reveals new insights into the ground pattern of Lophotrochozoa	
16:50	Letsch & Simon: Insect phylogenomics: new insights on the relationships of lower neopteran orders (Polyneoptera)		16:50	Hindinger et al.: Neurogenesis in <i>Lineus albocinctus</i> (Nemertea) as inferred by immunocytochemistry and confocal laserscanning microscopy	
17:10	Meusemann et al.: Phylogeny of the holometabolous insect orders - new insights from transcriptomes and morphology		17:10	Buresi et al.: Brain evolution in cephalopods: a matter of ganglionic differential maturation?	
17:30	Peters et al.: 1KITE Hymenoptera - On the phylogeny and evolution of sawflies, wasps, bees, and ants	17:30	Franke & Mayer: Expression patterns of segment polarity genes in an onychophoran suggest that parasegments evolved in arthropods		
17:50	Gower & Papadopolou: Molecular systematics of the shieldtail snakes (Uropeltidae) of South Asia	S29	17:50	Hoeg: Metamorphosis in dwarf males and hermaphrodites of the barnacle <i>Scalpellum scalpellum</i> : How early do they diverge?	
18:20-20:00 GfBS Annual Meeting (Lecture Hall 7)					



Tuesday, 19 February 2013

Tuesday

08:30 **Keynote - Wiens: The origin and loss of global biodiversity (WU Audimax)**

Lecture Hall (Hörsaal) 7

09:50-10:20 Coffee Break

10:20	Bleidorn et al.: Annelids - introduction into a neglected taxon of venomous animals
10:40	Jost: Evolutionary convergence of sodium channel neurotoxins and receptor sites
11:00	Moran: The evolution of sea anemone venom peptides
11:20	Moreau: "It stings a bit but it cleans well": the antimicrobial potential of venoms from Hymenoptera
11:40	Olivera: Biodiversity and phylogeny of venomous mollusks
12:00	von Reumont et al.: First venomous crustaceans: transcriptome profiling and 3D reconstruction of the venom glands of cave dwelling Remipedia

Symposium 5 - Animal venoms
Chair: Ronald A. Jenner

Lecture Hall (Hörsaal) 8

09:50-10:20 Coffee Break

10:20	Muellner-Riehl & Antonelli: Biogeography and systematics: an introduction
10:40	Antonelli et al.: Genes, fossils, occurrences, and the printed article paradigm: Biogeography and systematics in the era of Big Data
11:00	Zarza: Testing a Bayesian approach for comparison of biogeographical and climatic hypotheses
11:20	Serrano-Serrano et al.: Morphological and ecological evolution of a Gesneriaceae lineage in Neotropical rainforests
11:40	Antunes Carvalho & Renner: Climatic niche divergence in old sister lineage splits of Caricaceae, but not young species pairs
12:00	Muellner-Riehl et al.: Biogeography and niche evolution: a case study on Cedrela (Meliaceae)

Symposium 21 - Biogeography & Systematics
Chair: Alexandra Muellner-Riehl

12:20-14:00 Lunch Break

14:00	Fehrer: Evolutionarily successful asexuals: examples from plants and lichens
14:20	Butlin et al.: Turn-over of clones in a sexual-asexual ostracod species complex
14:40	Scheu: Ancient asexual scandals in soil: Oribatid mites
15:00	Dobes et al.: Inference and distribution of reproductive modes in the Potentilleae (Rosaceae) applying the flow cytometric seed screen
15:20	Scheffknecht et al.: Reproductive differentiation into sexual and apomictic polyploid races in <i>Potentilla puberula</i> (Rosaceae)

S 28 - Evol. asexual organisms
Chair: Erika Hörandl

12:20-14:00 Lunch Break

14:00	Liede-Schumann et al.: <i>Metastelma</i> (Apocynaceae - Asclepiadoideae) - tracing convergent evolution and an unusual biogeographic pathway
14:20	Fernandes et al.: Phylogeography and speciation of the Spot-backed Antbird (<i>Hylophylax naevius</i>) in lowland Amazonia
14:40	Ziffer-Berger: Patterns of endemism of the Southern Atlantic forest of Brazil: Relicts of a rich past or a contemporary diversification
15:00	Zizka et al.: Phylogenetics and biogeography of the Neotropical Quinaeaceae (Malpighiales)
15:20	Sosef et al.: Environmental differences supporting taxonomic distinction between African Bush Mangoes (<i>Irvingia</i> spp.)

Symposium 21 - Biogeo. & Systematics
Chair: Alexandre Antonelli

15:40-16:10 Coffee Break

16:10	Kraaijeveld & Anvar: Genomic consequences of <i>Wolbachia</i> -induced parthenogenesis
16:30	Hojsgaard et al.: Effects of hybridity, polyploidy and allelic divergence on functional development of apomixis in <i>Ranunculus auricomus</i>
16:50	Hülber et al.: Partitioning the factors explaining the eco-geography in the amphi-apomictic species <i>Potentilla puberula</i> (Rosaceae)
17:10	Prasankok & Panha: Phylogenetic relationships of the operculate land snails of the genus <i>Pollicaria</i> Gould, 1856 (Prosobranchia: Pupinidae)
17:30	Tongkerd et al.: Molecular systematics and phylogeography of the snorkel snails genus <i>Rhiostoma</i> (Cyclophoridae) from Thailand
17:50	Wägele et al.: Secondary Metabolites versus Kleptocnides in Cladobranchia (Nudibranchia, Gastropoda)

Symposium 28
Chair: Stefan Scheu

Open session
Chair: Helmut Sattmann

15:40-16:10 Coffee Break

16:10	Engleder et al.: Multiple gene analyses provide insight into the phylogenetic relationships of the "South African Clade" of Lacertidae
16:30	Hughes & Peng: Do typhoons influence dispersal and speciation in the mega-diverse genus <i>Begonia</i> ?
16:50	Balke et al.: Lineage diversification and speciation across the Australasian Archipelago - from tropical shores to sky islands
17:10	Nauheimer & Renner: Biogeographic history of the Araceae
17:30	Bacon et al.: Geographic and taxonomic disparities in species diversity: dispersal and diversification rates across Wallace's Line
17:50	Sotoodeh et al.: Biogeographical and molecular phylogeny of Turkish and Iranian <i>Artemisia</i> with ITS and ETS

Symposium 21 - Biogeo. & Systematics
Chair: Sigrüd Liede-Schumann

Open sess.



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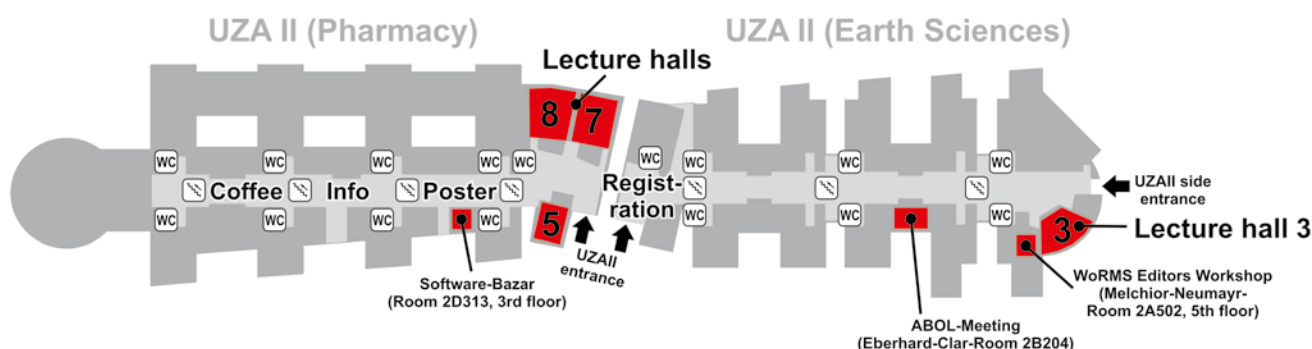
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Wednesday, 20 February 2013

Lecture Hall (Hörsaal) 3		Lecture Hall (Hörsaal) 5	
08:30	Nützel: Modern palaeobiology stimulates "old fashioned" taxonomy - case studies from the aftermath of the Permian/Triassic mass extinction	08:30	Gleisberg et al.: GBIF-D: The German contribution to the Global Biodiversity Information Facility (GBIF) - Overview and perspectives
08:50	Schneider et al.: Biotic control of local biodiversity - Jurassic rudist bivalve reefs from the Alpine-Carpathian transition	08:50	Söhngen et al.: Open up the treasure chest of prokaryotic metadata for comparative biodiversity analyses
09:10	Todt: Of hot spots and white spots - Species diversity in aplacophoran mollusks	09:10	Spelda et al.: Innovative digitalisation techniques for GBIF: Workstations at the Munich nodes, diplopod gonopods as a case study
09:30	Nawrot et al.: The role of body size in marine invasion through the Suez Canal and its implications for the Mediterranean species pool	09:30	Kroupa et al.: QR-Codes to facilitate data capture and collection management for large-size (insect) collections
09:50	Hyzny: On interpreting the ghost shrimp (Crustacea: Decapoda: Callianassidae and Ctenochelidae) fossil record	09:50	Triebel et al.: Diversity workbench - Mobilisation of high quality species occurrence data for GBIF
10:10-10:40 Coffee Break		10:10-10:40 Coffee Break	
10:40	Geiger: Introducing the Freddie Project with notes on the freshwater fish diversity of the Mediterranean hot-spot	10:40	Uher et al.: anymals+plants - building a mobile biodiversity observation community
11:00	Amedo & Bidegaray-Batista: Winter is coming: Cenozoic climate shifts shaped diversification of Western-Mediterranean <i>Harpactocrates</i> spiders	11:00	Neumann et al.: Data acquisition of zoological and palaeontological fish collections for GBIF
11:20	Gómez-Zurita et al.: Rapid biodiversity assessment in biodiversity hotspots: diversity and diversification of New Caledonian leaf beetles	11:20	Holstein & Grobe: BiNHum: Access, alignment, and dissemination of established data repositories via a joint data portal
11:40	Koch & Arida: Discovery and underestimated diversity of the amphibians and reptiles of Sulawesi and its offshore islands, Indonesia	11:40	Pietsch et al.: A national inventory of biodiversity: The German Barcode of Life Project (GBOL)
12:00	Pott: Estimating floral biodiversity in the past: Examples from Upper Triassic floras	12:00	Grobe et al.: Streamlining material- and data flow within the German Barcode of Life Project, GBOL
12:20-14:00 Lunch Break		12:20-14:00 Lunch Break	
14:00	Volobuev: Diversity of wood-inhabiting Basidiomycetes in deciduous forests of the Orel region (the Central Russian Upland)	14:00	Böttiger et al.: OpenUp! - Discovering quality data and images of Europe's natural history heritage
14:20	Grunert et al.: Recent microfauna and -flora in the Gulf of Cádiz and W off Portugal: basis for actualistic paleoceanographic research	14:20	Tschöpe et al.: AnnoSys - A generic annotation system for biodiversity data
14:40	Neubauer et al.: Morphometrics as a tool in taxonomy	14:40	Koureas et al.: Publishing biodiversity: The interplay between Scratchpads and the new Biodiversity Data Journal
15:00	Aguirre et al.: Climate-change driven shift of <i>Tegula atra</i> : Late Pleistocene Patagonian biostratigraphical- palaeoceanogr. Marker	15:00	Dähne et al.: Another kind of preservation issue: digitisation of literature for biosystematic studies
15:20	-	15:20	Vorwald et al.: EDAPHOBASE - a new generation data warehouse for soil animals and beyond
15:40-16:10 Coffee Break		15:40-16:10 Coffee Break	
16:10	Samadi: Species: natural facts or scientific hypotheses?	16:10	Lyubetsky et al.: Detecting conflicts in large sets of phylogenetic trees
16:30	Erseus: Cryptic speciation in clitellate annelids	16:30	Mayer et al.: Biases in phylogenetic reconstruction
16:50	Cibois et al.: Cryptic bird species on a remote archipelago of the Pacific Ocean	16:50	Rota-Stabelli et al.: Not only better sampling but also better modelling
17:10	Baur: Combining landmarks with multivariate ratio analysis: extracting new character ratios for separating cryptic species	17:10	Stamatakis: Software bugs and identification of mislabeled sequences
17:30	Achurra & Rodriguez: How to assign species status to cryptic lineages: the case of <i>Trogodrius galarzai</i> (Annelida, Clitellata, Tubificinae)	17:30	von Haeseler et al.: Robustness of phylogenetic inference

16:10-18:00 ABOL-Meeting (Eberhard-Clar-Room 2B204)



Wednesday, 20 February 2013

Wednesday

Lecture Hall (Hörsaal) 7		Lecture Hall (Hörsaal) 8	
08:30	Balao et al.: Big thistle eats the little thistle: introgressive hybridization and demographic swamping in <i>Onopordum hinojense</i>	08:30	Wanntorp: Disentangling complex biogeographic patterns in <i>Hoya</i> (Apocynaceae): when taxon sampling obscures phylogenetic signals
08:50	Paule et al.: Hybridisation in the genus <i>Potentilla</i> - the case study <i>P. alpicola</i> La Soie	08:50	Shaverdo et al.: Speciation of hyperdiverse taxa across the highly complex New Guinean terrane system: diving beetle genus <i>Exocelina</i>
09:10	Zozomová-Lihová et al.: Multiple allopolyploid formation in Cardamine (Brassicaceae): insights from microsatellite markers	09:10	Gimnich et al.: Tracing back the snail trail - What freshwater gastropods tell us about the colonization of "down under"
09:30	Tannhäuser et al.: Patterns of gene flow between <i>Dactylorhiza</i> allopolyploids with focus on alpine hybrid swarms (Orchidaceae)	09:30	Tribsch: The refugial theory
09:50	Montelongo & Gómez-Zurita: Genomic mosaicism confirms the complex hybrid origin of unisexuality in <i>Calligrapha</i> (Coleoptera: Chrysomelidae).	09:50	Kropf et al.: Steppe plants in Central Europe: insights based on performance and genetic data
10:10-10:40 Coffee Break		10:10-10:40 Coffee Break	
10:40	Vamberger et al.: Speciation under gene flow? The case of <i>Mauremys caspica</i> and <i>M. rivulata</i>	10:40	Semerikov & Semerikova: Phylogeographic structure of Siberian larch <i>Larix sibirica</i> revealed with cytoplasmic DNA markers
11:00	Jang et al.: Evolution of genomes of allopolyploids is more dynamic than of diploid homoploid hybrids	11:00	Semerikova & Semerikov: Phylogeny and biogeography of the genus <i>Abies</i> Mill. (Pinaceae) based on the cytoplasmic DNA sequence data
11:20	Rebernig & Köhler: Genetic basis of postzygotic hybridization barriers in <i>Capsella</i>	11:20	Manafzadeh & Conti: The Irano-Turanian floristic region as a source for the Mediterranean floristic region: A case study from Rutaceae
11:40	Sefc et al.: Hybridization as a source of intraspecific cichlid color pattern diversity	11:40	Gaviria: Biodiversity of Austrian recent ostracods
12:00	-	12:00	Aspöck et al.: Beaded lacewings - a new phylogenetic start-up (Insecta: Neuroptera: Berothidae)
12:20-14:00 Lunch Break		12:20-14:00 Lunch Break	
14:00	Wörheide & Nosenko: Deep non-bilaterian phylogenomics: different genes do tell different stories	14:00	Aspöck & Aspöck: Biogeography and systematics: The genesis of the distribution of Raphidioptera in the world
14:20	Ostrovsky & Berning: Evolution of colonial animals: towards a "superorganism"	14:20	Suh: Novel insights into the Mesozoic paleobiogeography of extant birds
14:40	Berning & Ostrovsky: Intraorganismal phenotypic variability and polymorphism: bryozoans as model organisms for evolutionary studies	14:40	Voss: Sea cows through time and space - a new classification concept for the order with biogeographic implications
15:00	Okamura & Hartikainen: Infection and colony defense	15:00	Donner et al.: The case of <i>Chroococcidiopsis</i> : New phylogenetic and morphological insights of an ecologically important Cyanobacterium
15:20	-	15:20	Stenøien et al.: Evolutionary dynamics in disjunct populations of the peat moss <i>Sphagnum subsecundum</i>
15:40-16:10 Coffee Break		15:40-16:10 Coffee Break	
16:10	Jenkins et al.: Gender specialisation and control of female investment in sessile colonial invertebrates	16:10	Bog et al.: Herbivory-mediated fitness along an elevational gradient of three <i>Senecio</i> species (Compositae) and their hybrids
16:30	Kerner et al.: Towards a phylogeny of the oldest metazoans builders (Archaeocyatha, Lower Cambrian)	16:30	Christa et al.: What remains after 2 months starving? - Analysis of sequestered algae in a photosynthetic slug, <i>Plakobranchia ocellatus</i>
16:50	Giere: The orbital mosaic in mammals: characters and implications	16:50	Cruaud et al.: An extreme case of plant-insect co-diversification: figs and fig-pollinating wasps
17:10	Riehl: Fitting in the phylogenetic cracks of deep-sea isopods	17:10	Lopez-Vaamonde et al.: Evolution of the plant green-island phenotype and <i>Wolbachia</i> infection in Gracillariidae leaf-mining micro-moths
17:30	Wrožyna et al.: Reproductive morphotypes of <i>Cytheridella ilosvayi</i> Daday, 1905 (Ostracoda, Crustacea) revealed by morphological analyses	17:30	Pinzon-Navarro: Comparing plant-insect interactions across continents
18:30 GfBS Rensch-Award (Lecture Hall 7)			



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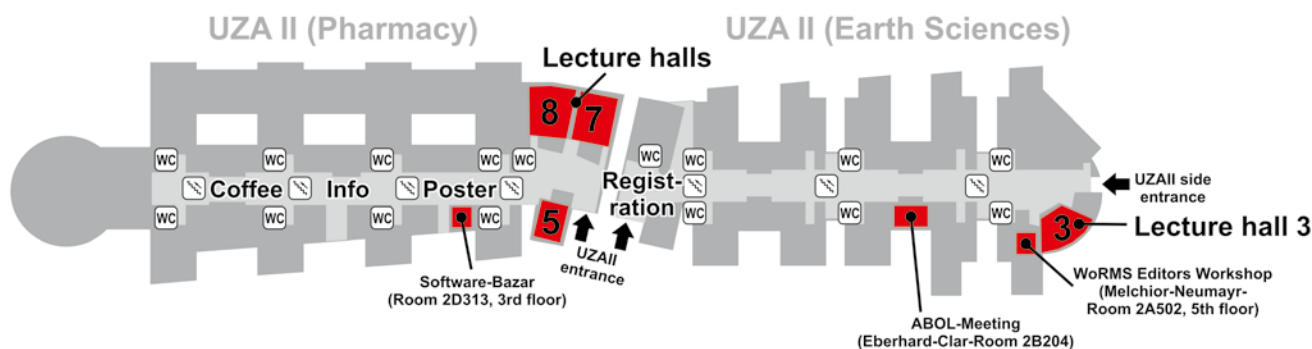
Thursday, 21 February 2013

08:30	Keynote - Patterson: Introducing the diversity of protozoa to the big data world (WU Audimax)				
Lecture Hall (Hörsaal) 3			Lecture Hall (Hörsaal) 5		
09:50-10:20 Coffee Break			09:50-10:20 Coffee Break		
10:20	Agatha & Strüder-Kypke: Cell morphology and SSrRNA data contradict the lorica-based classification of tintinnid ciliates (Protista, Ciliophora)	Symposium 1 - Protist biodiversity Chair: Regine Jahn	10:20	Herrmann & Susoy: Nematode Diversity - nightmare and paradise, problems and strategies	Symposium 4 - Cryptic species Chair: Jean-François Flot
10:40	Bass et al.: Using molecular and complementary techniques to detect and characterise elusive protist lineages		10:40	Aurore et al.: Pseudo-cryptic diversity in planktonic foraminifera: a rule with exceptions	
11:00	Enke et al.: <i>Gomphonema parvulum</i> revisited: A critical assessment of the taxonomic concept		11:00	Gunter: Resolving species complexes for conservation planning	
11:20	Hoef-Emden: Problems of automatic species delimitation by GMYC in protistan lineages		11:20	Martens & Schön: Cryptic diversity in asexuals – the example of non-marine ostracods	
11:40	Okun et al.: Assessing the hidden biodiversity of Myxomycetes using molecular methods		11:40	Praz: Molecular and morphological systematics of the dauber bees (<i>Megachile</i> subgenus <i>Chalicodoma</i>) in the western Palaearctic	
12:00	Zimmermann et al.: Barcoding diatoms with the 18S V4 region: setting an example for protists?		12:00	Pear et al.: Evolutionary relationships and cryptic diversity in clarioteid catfish from Lake Tanganyika	
12:20-14:00 Lunch Break			12:20-14:00 Lunch Break		
14:00	Fiore-Donno et al.: Exploring slime mould diversity in high-altitude forests and grasslands by environmental RNA analysis	Symposium 1 - Protist biodiversity Chair: David Patterson	14:00	Haszprunar: Species delimitations by molecules - less or more problems with taxa?	Symposium 4 - Cryptic species Chair: Ahnara Achura
14:20	Foissner et al.: Morphology, phylogeny and ecology of ciliates (Protists, Ciliophora) from tank bromeliads		14:20	Jörger & Schrödl: Struggling with uniformity and rarity – molecular species delineation and DNA taxonomy in elusive meiofaunal slugs	
14:40	Hartikainen et al.: Environmental sampling uncovers hidden diversity of haplosporidian parasites		14:40	Setiawan et al.: The Pandora's box of <i>Neopetrosia exigua</i> (Bearing the wrong identity: all about the Indo-Pacific <i>Neopetrosia exigua</i>)	
15:00	Lentendu et al.: Soil eukaryotic unicellular microorganisms facing crop fertilization		15:00	Kotseruba et al.: Are there any cryptic species inside grass <i>Milium effusum</i> L. with a high molecular polymorphism?	
15:20	Kusber et al.: Open access to protist biodiversity information: from file cards to GBIF		15:20	von Döhren et al.: <i>Lineus viridis</i> (Nemertea) comprises two cyptic species with a global distribution along the northwestern European coast	
15:40-16:10 Coffee Break			15:40-16:10 Coffee Break		
16:10	Fer et al.: Genome size evolution in the family Zingiberaceae	Open session Chair: Thomas Neubauer	16:10	Jost et al.: Prey choice and molecular evolution in parasitic spider-wasps (Pompilidae) and their larval hosts	Open session Chair: Dominique Zimmermann
16:30	Ung & Grand: Areas of endemism under the semantic conception paradigm		16:30	Kvifte: Male genital homologies of the Psychodini and their phylogenetic significance (Insecta Dipt.: Psychodidae, Psychodinae)	
16:50	Panha et al.: Is the paddy rice system in Thailand a reproductive ground for semi-aquatic earthworms of the genus <i>Glyphidrilus</i> ?		16:50	Wiemers et al.: Responses of butterfly & dragonfly assemblages to climatic fluctuations in Germany	
17:10	Siu-Ting et al.: Taxonomic placement of <i>Ericabatrachus baleensis</i> (Amphibia) and assessing data to include in phylogenetic analyses		17:10	Ribera et al.: Single origin of subterranean adaptations in a lineage of Pyrenean beetles (Coleoptera, Leiodidae)	
17:30	Weyrich et al.: Exploring the methylome: A new DNA methylation-enrichment-bisulfite-sequencing method (MEBS)		17:30	Meid et al.: Taking a look at model adequacy in phylogenetics: parametric bootstraps and pattern analysis	

9:50-16:10 Software Bazar (Room 2D313, 3rd floor)

18:00-19:00 GfBS JuSys-Meeting (Lecture Hall 5)

19:30 Conference Dinner (Pick-up at bus station Liechtenwerder Platz at 19:00)



Thursday, 21 February 2013

08:30

Keynote - Patterson: Introducing the diversity of protozoa to the big data world (WU Audimax)

Lecture Hall (Hörsaal) 7

09:50-10:20 Coffee Break

10:20	Akanni et al.: Developing Bayesian and Maximum likelihood supertrees
10:40	Bartel et al.: The radiation of six legs: How it all began - A phylogenomic approach within the 1KITE project
11:00	Bartoszek et al.: Conditioned branching processes and species' evolution
11:20	Bertrand: Phylogenetic network for a high ploidy series in <i>Fumaria</i> (Papaveraceae s.l.)
11:40	Capella-Gutierrez et al.: A phylogenomics approach for selecting robust sets of phylogenetic markers
12:00	Smaers: A new framework for quantifying lineage-specific patterns of trait covariation

Symposium 3 - Phylogenetic methods
Chair: Bengt Oxelman

Lecture Hall (Hörsaal) 8

09:50-10:20 Coffee Break

10:20	Geml et al.: Diversity and habitat partitioning of the ectomycorrhizal <i>Cortinarius</i> in boreal forest and arctic tundra ecosystems
10:40	Semenova et al.: Comparison of dark septate endophytic fungi communities among arctic tundra vegetation types
11:00	Sonntag et al.: Planktonic ciliates in alpine and subalpine lakes: diversity, biogeography and the role of ultraviolet radiation
11:20	Arthofer et al.: Evidence for cryptic species in a small-scale Alpine sample of the Holarctic harvestman <i>Mitopus morio</i>
11:40	Fehér & Szekeres: Chiral instability as an important driver of speciation in the Carpathian rock-dwelling gastropod genus <i>Alopi</i>
12:00	Dejaco et al.: The challenging revision of Alpine-endemic diversity in the jumping-bristletail genus <i>Machilis</i> (Insecta, Microcoryphia)

Symposium 7 - Alpine biodiversity
Chair: Andreas Tribsch

12:20-14:00 Lunch Break

14:00	Kriwet & Klug: On the use of stem- and crown group concepts and the definition of Elasmobranchii and Neoselachii
14:20	Petersen et al.: Orthology prediction in the large-scale transcriptome project 1KITE
14:40	Schwarz: Septal compass and septal formula - a new method for phylogenetic investigations of the ear region in sciuriforms
15:00	Simon et al.: Exploring the quality of phylogenomic datasets to infer insect evolution
15:20	Struck et al.: Platyzoa - a monophyletic group or a long-branch artifact?

Symposium 3 - Phylogenetic methods
Chair: Bengt Oxelman

12:20-14:00 Lunch Break

14:00	Moore & Kadereit: Evolution of soil preference in the Alpine and Balkan <i>Minuartia</i> series <i>Laricifoliae</i> (Caryophyllaceae)
14:20	Hoerandl et al.: Biogeography and evolution of alpine apomictic plants
14:40	Volkova et al.: Colour polymorphism in common primrose (<i>Primula vulgaris</i> Huds.): many colours - many species?
15:00	Klatte-Asselmeyer et al.: New insights into the <i>Valeriana officinalis</i> agg. in Austria
15:20	Schneeweiss et al.: Evolving towards the top: phylogeny and evolution of the European endemic <i>Phyteuma</i> (Campanulaceae)

Symposium 7 - Alpine biodiversity
Chair: Reto Nyffeler

15:40-16:10 Coffee Break

16:10	Puillandre et al.: Large scale species delimitation method for hyperdiverse groups
16:30	Decaens et al.: Hands-on DNA barcoding: Engaging students for rapid invertebrate diversity assessment in the Lopé National Park, Gabon
16:50	Rougerie et al.: High throughput species identification of moths using NGS along a gradient of deforestation in Amazonia
17:10	Hausmann et al.: A major contribution of the ZSM to the genetic library of life: 35,000 insect species barcoded in 7 years
17:30	-

Symposium 29
Chair: Jean-François Flot

15:40-16:10 Coffee Break

16:10	Nyffeler & Spillmann: Recent immigrant rather than ancient tertiary element: diversification of <i>Callianthemum</i> (Ranunculaceae) in Europe
16:30	Harl et al.: Phylogeography of the land snail genus <i>Orcula</i> Held 1837 with a special focus on the Alpine species group
16:50	Jaksch et al.: Biodiversity homemade?! - <i>Clausilia dubia</i> and its various subspecies
17:10	Kirchner et al.: Phylogeographic analysis of Alpine populations of <i>Pyramidula pusilla</i> (Gastropoda: Pulmonata: Pyramidulidae)
17:30	-

Symposium 7 - Alpine biodiversity
Chair: Erika Horandl

16:10-18:00 WoRMS Editors Workshop (Melchior-Neumayr-Room 2A502, 5th Floor)

19:30 Conference Dinner (Pick-up at bus station Liechtenwerder Platz at 19:00)



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GfBS
Gesellschaft für
Biologische Systematik
Organismen Diversität Evolution



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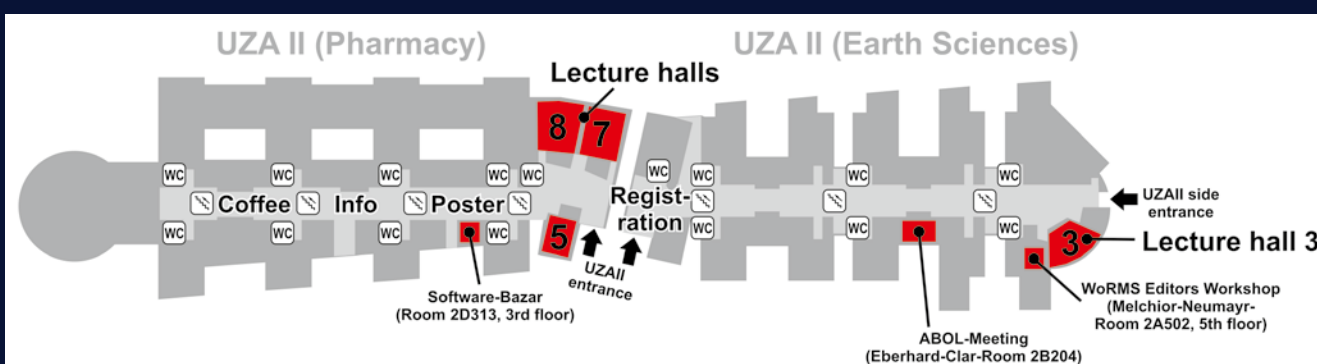


Svenska Systematikföreningen

Thursday

Friday, 22 February 2013

Lecture Hall (Hörsaal) 5			Lecture Hall (Hörsaal) 7		
08:30	Giere: Natural history collections today: within the limits of raw data for basic research and objects of cultural heritage	Symposium 31 - Research tools Chair: Peter Giere	08:30	Jenner: Imagining ancestors: the changing role of phylogenetic's oldest principle	Symposium 9 - Philosophy of phylogeny Chair: Alessandro Minelli
08:50	Hofreiter: Systematics, genomes, museum specimens and non-destructive sampling		08:50	Pécaud: Three roles evolutionary theory has been assigned in cladistics	
09:10	Schütte et al.: The potential of µCT technique in taxonomy – a case study on insects		09:10	Szucsich: On input and output in phylogenetic inference	
09:30	Schiller et al.: Measurement of temporal changes of EtOH concentration and DNA degradation in the NHM invertebrate wet collection		09:30	Wilkinson: Pluralism in phylogenetics and the poverty of Popperianism	
09:50	Business meeting of the AG Kuratoren (GfBS)		09:50	Zachos: The phylogenetic species concept and artificial taxonomic inflation – a critical comment on mammalian classification	
10:10-10:40 Coffee Break			10:10-10:40 Coffee Break		
10:40	Lexer: Evolutionary genomics and plant species diversification	Symposium 12 - Diversification & Speciation Chair: Gerald Schneeweiss	10:40	Schindel & Miller: Naming of organisms in an era of molecular-based discovery	Symposium 17 - Nomenclature for the future Chair: Regine Jahn
11:00	Belyayev: Speciation-related events in plant genome: repetitive DNA and chromosomal rearrangements.		11:00	Barkworth et al.: Developments in botanical nomenclature	
11:20	Emadzade et al.: Chromosomal evolution and taxa diversification in <i>Prospero</i> (Hyacinthaceae)		11:20	Kirk: Obligatory registration, the situation with fungi	
11:40	Caputo et al.: Habitat segregation and population structure in incipient species of <i>Anopheles gambiae</i> s.s. in Gambia and Guinea Bissau		11:40	Michel & Pyle: The power and challenges for stable and sensible scientific names for animals	
12:00	Schuler et al.: The potential contribution of the endosymbiont <i>Wolbachia</i> to speciation-with-gene-flow in <i>Rhagoletis</i> fruit flies		12:00	Sangster: The link between names and taxa in rank-based taxonomic systems: synonymy and homonymy in higher taxa of birds	
12:20	Winkler et al.: Contrasting niche occupation and crossing patterns in polyploid contact zones		12:20	Penev et al.: Automated registration model for eukaryotic organisms: The opportunities for and responsibilities of publishers	
12:40-14:20 Lunch Break			12:40-14:20 Lunch Break		
14:20	Herler: Microhabitat complexity as a promoter for speciation in habitat-specialized coral reef fishes	Symposium 12 - Diversification & Speciation Chair: Daniele Silvestro	14:20	Paun et al.: Divergent adaptation from beyond genetics in allopolyploids <i>Dactylorhiza</i> (Orchidaceae)	Symposium 15 - Evolutionary epigenetics Chair: Ovidiu Paun
14:40	Hawiltschek et al.: Speciation and species delimitation of Australian diving beetles: the impacts of glaciation and aridification.		14:40	Baumberger et al.: A role for epigenetic inheritance in plant ecology and evolution?	
15:00	Sjökvist et al.: Investigating the origin of incongruence between gene trees of the mushroom-forming fungi		15:00	Nordborg: Elucidating the genotype-phenotype map using <i>Arabidopsis</i>	
15:20	Stuessy et al.: Interpretation of patterns of genetic variation within endemic plant species of oceanic islands		15:20	Verhoeven: Heritable responses of plants to stress exposure	
15:40	Humphreys et al.: Evolution of diversity above the species		15:40	Flatscher et al.: Stay high or get low: exploring epigenetic correlates of altitudinal variants in <i>Heliosperma pusillum</i> (Caryophyllaceae)	
16:20	Silvestro et al.: Bayesian inference of macroevolutionary processes using the fossil record		16:20	Reich et al.: Epigenetic alterations and flower morph determination in <i>Linaria pelisseriana</i> (Plantaginaceae)	
16:40-17:00 Coffee Break			16:40-17:00 Coffee Break		
17:00 Closing of the conference (Lecture Hall 8)					
20:00 Conference chillout at Plutzer Bräu, Schrankgasse 2/Stiftgasse, 1070 Wien (Please note that participation is optional and NOT included in the registration fee)					



Friday, 22 February 2013

Lecture Hall (Hörsaal) 8

08:30	Marques et al.: DNA barcodes delineate cryptic species of the forest pest <i>Euproctis chrysorrhoea</i> (L.) (Lepidoptera: Lymantriidae)
08:50	Pröschold et al.: Hidden diversity of terrestrial green algae (Viridiplantae) discovered by ITS-2 DNA barcode
09:10	Erpenbeck et al.: Barcoding sponges - much more than just barcodes
09:30	Klopfstein: Parasites of parasitoids: <i>Wolbachia</i> bacteria in <i>Diplazon</i> and their effect on DNA barcoding
09:50	Zott et al.: Molecular identification of earthworms using multiplex PCR

Symposium 29 - Species delimitation
Chair: Jean-François Flot

10:10-10:40 Coffee Break

10:40	Flot: Delimiting cryptic species using haplowebs and the criterion of mutual allelic exclusivity
11:00	Kruckenhauser et al.: Divergent mitochondrial clades of snails with a <i>Trochulus hispidus</i> phenotype. How to confine a snail species?
11:20	Draper et al.: Molecular and morphological circumscription of <i>Brachythecium conusum</i> l. Hagen.
11:40	Mende & Hundsdoerfer: The <i>Hyles euphorbiae</i> complex (Lepidoptera, Sphingidae) – still a taxonomic problem?
12:00	Morgado et al.: Phylogenetic species concept and biogeographic distribution of selected species of <i>Entoloma</i> (Agaricales, Basidiomycota)
12:20	Morin et al.: Inferring rates and patterns of killer whale diversification from mitogenomic and nuclear sequences

Symposium 29 - Species delimitation
Chair: Patrick Martin

12:40-14:20 Lunch Break

14:20	Oliveira & Mayer: Unravelling character diversity in the peripatid velvet worms (Onychophora)
14:40	Rakovic & Drovetski: Mitochondrial and nuclear markers show complex history of Chiffchaff (<i>Phylloscopus collybita</i>) in Eurasia
15:00	Resch et al.: Bars that bear out bristles: DNA barcoding and NDE in Protura – a rewarding task in a tricky group
15:20	Simpson et al.: Australia's King Orchid - one species or many? A phylogeographic approach to resolving taxonomic limits
15:40	Caparrós et al.: Unravelling the complex <i>Ullota crispa</i>
16:20	Oxelman & Aydin: Bayesian Species delimitation in the <i>Silene cryptoneura</i> group

Symposium 29 - Species delimitation
Chair: Jean-François Flot

16:40-17:00 Coffee Break

Friday



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Sightseeing

Albertina (Arts Museum)

Albertinaplatz 1, 1010 Wien
daily 10.00 a.m. to 6.00 p.m., Wed. 10.00 a.m. to 9.00 p.m.
Tram: 1, 2, D, 71 (Station Kärtner Ring)
Bus: 3A (Station Albertinaplatz)
<http://www.albertina.at/>

Belvedere (Arts Museum & Bot. Garden)

Upper Belvedere:
Daily 10.00 a.m. to 6.00 p.m.
Prinz Eugen-Straße 27, 1030 Vienna
Train (S-Bahn): Station "Quartier Belvedere"
Tram: D (Station Schloss Belvedere), 18 and O (Station Quartier Belvedere)
Bus: 69A (Station Quartier Belvedere)

Lower Belvedere, Orangery:
Daily 10.00 a.m. to 6.00 p.m.
Wed. 10 am to 9 pm
Rennweg 6, 1030 Vienna
Tram: D, 71 (Station Unteres Belvedere)
<http://www.belvedere.at/>

Haus des Meeres (Aquarium & Zoo)

Fritz-Grünbaum-Platz 1, 1060 Vienna
Daily 9.00 a.m. to 6.00 p.m.
Thu. 9.00 a.m. to 9.00 p.m.
Subway: U3 (Station Neubaugasse)
Bus: 13A, 14A, 57A (Station Haus des Meeres)
<http://www.haus-des-meeres.at/>

Hofburg - Imperial Palace

Michaelerkuppel, 1010 Wien
Emperors quarters, Sisi-Museum: daily 9.00 a.m. to 5.30 p.m.
Subway: U2 (Station Museumsquartier), U3 (Station Volkstheater)
Tram: 1, 2, D (Station Burgring)
<http://www.hofburg-wien.at/>

Danube Tower

Observation deck: Mo. to Sun. 10.00 a.m. to midnight, Last drive-up at 11.30 p.m.
Restaurant: Mo. to Sun. 11.30 a.m. to 3.00 p.m., 6.00 p.m. to midnight
Café: Mo. to Sun. 10.00 a.m. to midnight
<http://www.donauturm.at/>

Kunsthistorisches Museum Wien

Maria-Theresien-Platz, 1010 Vienna
Tue. to Sun. 9.00 a.m. to 6.00 p.m.
Thursday 10.00 a.m. to 9.00 p.m.
Subway: U2 (Station Museumsquartier), U3 (Station Volkstheater)
Tram: 1, 2, D (Station Burgring)
<http://www.khm.at/>

Natural History Museum Vienna

Maria-Theresien-Platz, 1010 Vienna
Thur. to Mon. 9.00 a.m. to 6.30 p.m.
Wednesday 9.00 a.m. to 9.00 p.m.
Subway: U2 (Station Museumsquartier), U3 (Station Volkstheater)
Tram: 1, 2, D (Station Dr.Karl-Renner-Ring)
<http://www.nhm-wien.ac.at/>

Prater (Vienna Tivoli)

Amusement Park and Gardens, open all day
Subway: U1 (Station Praterstern)
<http://www.prater.at/>

Schönbrunn Zoo

Daily 9.00 a.m. to 5.00 p.m.
Subway: U4 (Station Hietzing)
Tram: 10, 58, 60
Bus: 15A, 51A, 56B, 156B
<http://www.zoovienna.at/>

Schönbrunn Imperial Palace

Schönbrunner Schlossstrasse 47, 1130 Vienna
Daily 8.30 a.m. to 5.00 p.m.
Guided tours depending on demand
Subway: U4 (Station Schönbrunn)
Tram: 10, 58 (Station Schönbrunn)
Bus: 10A (Station Schönbrunn)
<http://www.schoenbrunn.at/>

St. Stephan's Cathedral

Stephansplatz 3, 1010 Wien
Guided tours: Mo. to Sat. 9.00 a.m. to 11.30 a.m., 1.00 p.m. to 4.30 p.m., Sun. 1.00 p.m. to 4.30 p.m.;
Catacomb Tours: Mon. to Sat. 10.00 a.m. to 11.30 a.m. and 1.30 p.m. to 4.30 p.m.
Sun. 1.30 p.m. to 4.30 p.m.; Tours take place every 15 or 30 minutes, depending on demand
Subway: U1, U3 (Station Stephansplatz)
<http://www.stephanskirche.at/>

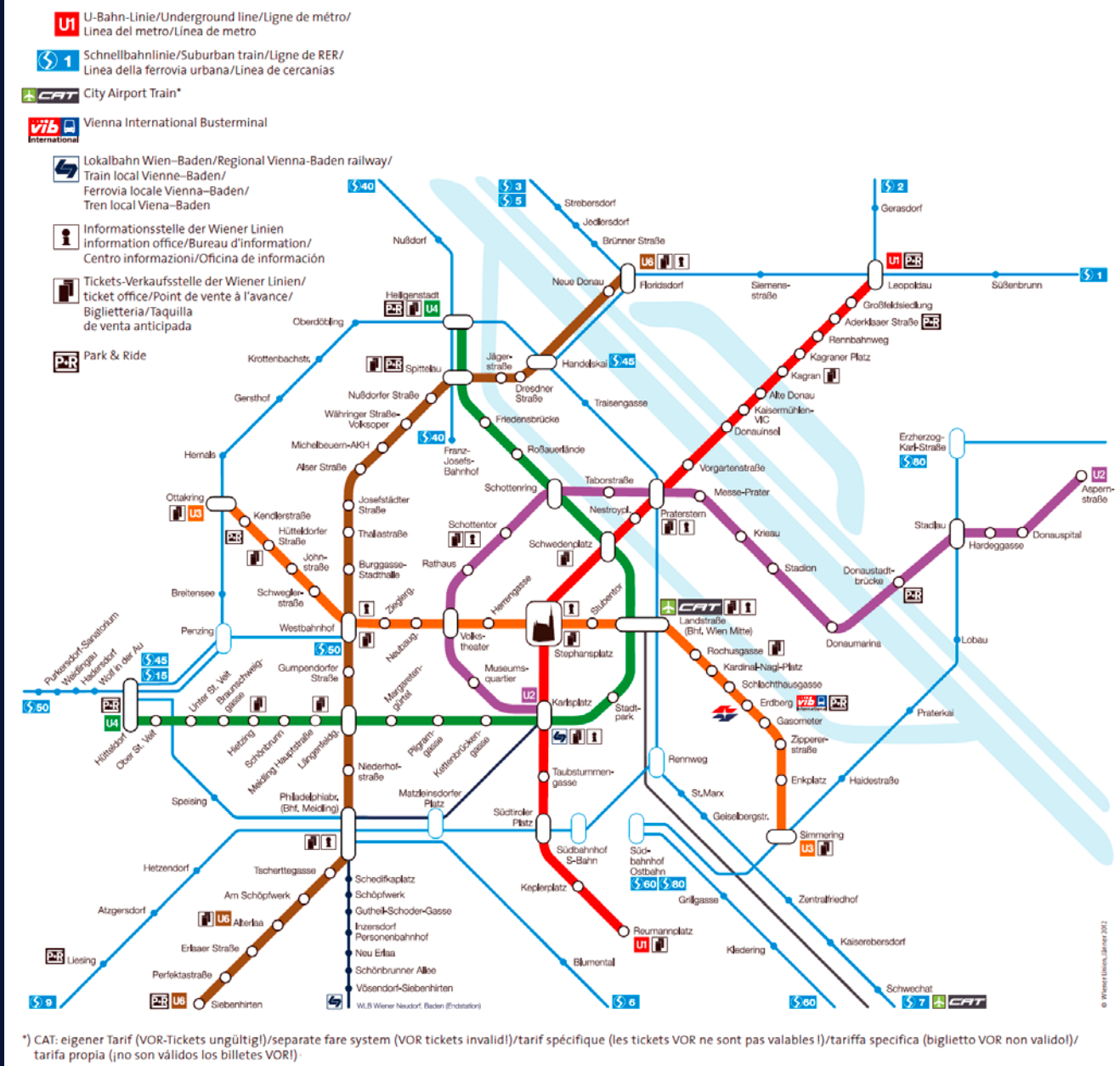
Secession (Arts Museum)

Friedrichstraße 12, 1010 Wien
Opening hours: Tue. to Sun. 10.00 a.m. to 6.00 p.m.
Guided tours: Sat. 3.00 p.m., Sun. 11.00 a.m.
Subway: U1, U2 U4 (Station Karlsplatz)
<http://www.secession.at/>

Vienna Museum

Karlsplatz 8, 1040 Vienna
Tue. to Sun. 10.00 a.m. to 6.00 p.m.
Subway: U1, U2, U4 (Station Karlsplatz)
Trams: 71, D (Station Schwarzenbergplatz), 1, 62 (Station Karlsplatz)
Bus: 4A (Station Schwarzenbergplatz)
<http://www.wienmuseum.at/>

Travelling in Vienna



Tickets need to be purchased in advance of the journey.

Ticket offices and ticket machines can be found at the underground stations.

Ticket office opening times: Mon. – Fri.: 6.30 a.m. – 6.30 p.m.

Ticket for a single trip € 2.00
can be used for any single trip within Vienna. You may change lines, but you may not interrupt your journey.

"24-hour Vienna" Card € 6.70

"48-hour Vienna" Card € 11.70

"72-hour Vienna" Card € 14.50

are valid throughout Vienna for exactly 24, 48 or 72 hours from the time they are punched.

Weekly Ticket € 15.00

is valid throughout Vienna for seven full days: from midnight Monday to 9 a.m. Monday. It can also be used consecutively by more than one person.

8-day Climate Ticket € 33.80

is valid for any eight days, not necessarily eight consecutive days, until 01.00 a.m. on the following day. It is

a rover ticket, which means you can travel all around Vienna. You can also use the ticket for several people travelling together: simply punch one strip for each person in the group.

Vienna Shopping Ticket € 5.40

is valid for unlimited rides throughout Vienna from 8 a.m. to 8 p.m. for a single workday (Mon – Sat).

Vienna Card € 19.90

is a 72-hour rover ticket valid on the underground network, on trams and buses, with additional discounts and benefits. The pass also enables an accompanying child up to the age of 15 (ID required!) to ride for free (see special brochure).

Restaurants & Cafés



Lunch options

Around the conference site there are a variety of restaurants, coffee shops, bakeries and fastfood vendors. On the right hand side we have listed just a small selection that are within short walking distance. Their location is marked in the map above. **Please note that lunch is not included in the registration fee.**

Restaurants & Cafés

1 – Mensa-Cafe UZA II

(Pharmacy centre, 2nd floor)
Nordbergstraße 17
1090 Wien
Tel.: 0043-1-3105718
<http://www.mensen.at/>
Type: Snacks
Price range: 3-7 €

2 – Mensa Markt & Cafeteria

Augasse 2-6
1090 Wien
Tel.: 0043-1-31057180
<http://www.mensen.at/>
Type: Canteen
Price range: 3-7 €

3 – Anker

Augasse 2
1090 Wien
Tel.: 0043-1-3155727
www.ankerbrot.at
Type: Bakery
Price range: 2-5 €

4 – Selbstverständlich

Augasse 25
1090 Wien
Tel.: 0043-1-3196402
<http://www.selbstverstaendlich.at/>
Type: Austrian
Price range: 5-15 €

5 – The Roast

Augasse 21
1090 Wien
Tel.: 0043-1-9421919
<http://www.the-roast.com/>
Type: International
Price range: 5-10 €

6 – Pizzeria Aldente

Augasse 21
1090 Wien
Tel.: 0043-1-3101696
<http://www.aldente.at/>
Type: Italian
Price range: 6-15 €

7 – Wok by Lucky Box

Augasse 21
1090 Wien
Tel.: 0043-1-3151922
<http://www.luckybox.at/>
Type: Asian fast food
Price range: 3-7 €

8 – Sagya African Restaurant

Liechtensteinstraße 130a
1090 Wien
Tel.: 0043-1-3109099
<http://www.sagya.co.at/>
Type: African
Price range: 5-15 €

9 – 9er Bräu

Liechtenwerder Platz 2
1090 Wien
Tel.: 0043-1-317 53 47
<http://www.9erbraeu.at/>
Type: Viennese
Price range: 5-15 €

10 – Lucky Box

Heiligenstädterstrasse 8
1090 Wien
Tel.: 0043-1-3151922
<http://www.luckybox.at/>
Type: Asian fast food
Price Range: 3-7 €

11 – Blaustern

Döblinger Gürtel 2
1190 Wien
Tel.: 0043-1-3696564
<http://www.blaustern.at/>
Type: Austrian & International
Price range: 7-15 €

12 – Mediterraneo

Althanstraße 47
1090 Wien
Tel.: 0043-1-3197871
-
Type: Italian
Price range: 6-15 €

13 – Carmen und Ich

Marktgasse 58
1090 Wien
Tel.: 0043-1-3196944
<http://www.carmen-und-ich.at/>
Type: Viennese
Price range: 5-10 €

14 – Zum Reznicek

Reznicekgasse 10
1090 Wien
Tel.: 0043-1-3179140
Type: Viennese
Price range: 7-20 €

15 – Tokio Nudel

Althanstraße 37
1090 Wien
Tel.: 0043-1-3199219
<http://www.mjam.net/wien/tokyo-noodle/>
Type: Asian
Price range: 4-15 €

16 – Smart:in II

Althanstraße 35
1090 Wien
Tel.: 0043-1-9467313
<http://das-smartin.com/>
Type: Austrian
Price range: 7-15 €

17 – Heilige Kuh

Lichtentaler Gasse 20
1090 Wien
Tel.: 0043-1-9244058
<http://www.heilige kuh.at/>
Type: Indian
Price range: 5-15 €

Pharmacy Auge-Gottes

Nußdorfer Straße 79
1090 Wien
Tel.: 0043-1-3179344
<http://www.augegottes.at>

Pharmacy Zum goldenen Elefanten

Liechtensteinstraße 93
1090 Wien
Tel.: 0043-1-3179214
<http://www.goldenerelephant.at>

Pharmacy Bahnhof

Julius-Tandler-Platz 10
1090 Wien
Tel.: 0043-1-3175211
<http://www.bahnhof-apotheke.de>

