

Time schedule and program

Wednesday, February 1, 2023, 9:00 am, students of Ecosystem Biology and Ecology

9:00–9:10	Opening
9:10–9:25	Falcao Berness P.: Iron acquisition by members of microbial communities via cyanobacterial Beta-hydroxy aspartate siderophores (supervised by P. Hrouzek)
9:25–9:40	Damnjanović Sara: Effect of tree dieback and regeneration on pools and fluxes of elements in soils and on their losses from ecosystem (supervised by J. Kaňa)
9:40–9:55	Nageen Yumna: Consequences of local adaptation among orchids, soil, and mycorrhizal fungi for species conservation (supervised by J. Jersáková)
9:55–10:10	Nikagolla N.G. Dinusha: On the relationship between forest status and soil nitrogen availability and transformation (supervised by K. Tahovská)
10:10–10:30	Coffee break (20 min.)
10:30–10:45	Sanniya Sekar: How management of grassland affects clonal plants (supervised by J. Klimešová)
11:05–11:25	Nweze Justus A.: Comparative genomic analysis of a new <i>Methylomirabilis</i> sp. from Sumava peat soil (supervised by A. Daebeler)
11:25–11:45	Kotrbová Lucie: Microbial aspects of macrolide antibiotics associated with soil application of wastewater treatment plant products: Degradation and spread of resistance (supervised by A. Chroňáková)
11:45–12:05	Marcou Thomas G.R.A.: Cospeciation in a plant-pollinator community (supervised by T. Revilla)
12:10–13:15	Lunch break (60 min.)
13:15–13:30	Tian Weitao: Isolation of methanogens from different aerated soils (supervised by R. Angel)
13:30–13:50	Schweichhart Johannes S.: In silico assessment of primer bias within the fungal kingdom (supervised by R. Angel)
13:50–14:10	Nweze Julius E.: With a little help from my friends: understanding the roles and importance of the millipede gut microbiome (supervised by R. Angel)
14:10–14:30	Jirků (Ashmarina) Daria: Potential of SPOT satellite imagery for grassland vegetation classification and management assessment (supervised by M. Hais)
14:30–14:50	Coffee break (20 min.)
14:50–15:10	Waqas Muhammad: Soil organic matter decomposition/stabilization with relation to microbial community functioning in Arctic degraded permafrost soils (supervised by J. Bárta)
15:10–15:30	Jabinski Stanislav: Enzymatic combustion and pyrolysis products to reveal cycling of recalcitrant organic matter in soils and sediments (supervised by T. Meador)
15:30–15:50	Glocker Bernhard: Short-term management impacts on ecosystem functionality and services (supervised by K. Edwards)
15:50–16:10	Coffee break (20 min.)
16:10–16:30	Maraia Heveakore: The reciprocal effects of leaf traits and herbivorous insect communities along latitudinal, forest canopy vertical and environmental gradients (supervised by K. Sam)
16:30–16:50	Mennicken Sophie: New insights into niche partitioning of coexisting terrestrial orchids: functional traits shaping orchid-fungus interactions (supervised by J. Jersáková)
since 17:20	Closed meeting of the specialist board of Ecosystem Biology and Ecology Link: https://cesnet.zoom.us/j/99140847662
18:30	Dinner

Time schedule and program

Thursday, February 2, 2023, 8:30 am, students of Hydrobiology/Limnology

8:30–8:45	Asghar Usman: Unveiling the trophic role of omnivorous/predatory flagellates and small ciliates in freshwater microbial food webs (supervised by K. Šimek)
8:45–9:00	Thomas Kiran: Spatial and temporal niche partitioning between native crucian carp (<i>Carassius carassius</i>) and invasive gibel carp (<i>C. gibelio</i>) (supervised by M. Šmejkal)
9:00–9:20	Tapkir Sandip Dnyaneshwar: Mechanisms of invasive Prussian carp (<i>Carassius gibelio</i>) dominance over native crucian carp (<i>C. carassius</i>) (supervised by M. Šmejkal)
9:20–9:40	Boukheloua Roudaina: Genomics and metagenomics of freshwater protists (supervised by R. Ghai)
9:40–10:00	Fernandes Clafy: Cultivation and genomics of freshwater microbes (supervised by M. Salcher)
10:00–10:20	Coffee break (20 min.)
10:20–10:40	Singh Anusha Priya: Mechanisms of microbial community assembly in different karst environment (supervised by T. Shabarova)
10:40–11:00	Kopáček Marek: Stable isotopes of oxygen and hydrogen – water age in natural ecosystems (supervised by P. Porcal)
11:00–11:20	Valero Astolfo: The role of electroactive organisms in biomineralization reactions involving transition metals, nitrogen and humic substances under suboxic/anoxic conditions (supervised by D. Petráš)
11:20–11:40	Layoun Paul: Ecogenomics of genome streamlining freshwater microbes (supervised by M. Salcher)
11:40–12:00	Villena Alemany Cristian: Ecology of aerobic anoxygenic phototrophic bacteria in freshwaters (supervised by K. Piwosz)
12:00–13:00	Lunch break (60 min.)
13:00–13:20	Bartoň Daniel: Anthropogenic impact on early-life stages of rheophilic fish (supervised by M. Šmejkal)
13:20–13:40	Mujakić Izabela: Ecology of Gemmatimonadota (supervised by M. Koblížek)
13:40–14:00	Coffee break (20 min.)
since 14:00	Closing remarks & Best presentation awards
since 14:30	Closed meeting of the specialist board of Hydrobiology/Limnology Link: https://cesnet.zoom.us/j/99185401480