

| Monday 10/4/2017 | |
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| 9:00 | Registration |
| 11:00 | Welcome |
| 11:40 | Sandra Bruçet , ICREA and University of Vic - Central University of Catalonia Ecological impacts of global warming and water abstraction on freshwater ecosystems |
| 12:25 | Lunch |
| 13:30 | How design and connectivity of shoreline habitats control carbon cycling in large rivers Eva Pözl , WasserCluster Lunz, Boku Wien |
| 13:50 | Methane (CH ₄) and carbon dioxide (CO ₂) emissions from paddy rice ecosystems – Investigations for the potential mitigation options Saw Min Min , Department of Ecology and Environmental Sciences, Faculty of Science, Palacký University |
| 14:10 | Aquatic methane emissions in urban areas Sonia Herrero , Leibniz-Institute of Freshwater Ecology and Inland Fisheries (IGB), Germany |
| 14:30 | Primary production under multiple stress: effects of experimental lake browning and nutrient enrichment in large-scale enclosures Susanne Stephan , Leibniz-Institute of Freshwater Ecology and Inland Fisheries (IGB), Germany |
| 14:50 | Effects of browning and nutrient enrichment on alkaline phosphatase activity in lake plankton: a test in a large-scale enclosure experiment Cleo Stratmann , Leibniz-Institute of Freshwater Ecology and Inland Fisheries (IGB), Germany |
| 15:10 | Coffee Break |
| 15:50 | Biomonitoring and water quality Vladyslav Bozhynov , Laboratory of Signal and Image Processing, Institute of Complex Systems, FFPW, USB, |
| 16:10 | Lago d'Iseo – the peculiar way a deep lake responds to a warming climate Lau Maximilian , Leibniz-Institute of Freshwater Ecology and Inland Fisheries (IGB), Germany |
| 16:30 | Disentangling the seasonal and depth-related long-term differential warming in a mountain lake Georg H. Niedrist , River Ecology and Conservation Research Group, Institute of Ecology, University of Innsbruck, Austria |
| 16:50 | SEQme Identification of viral genotypes in wastewater using NGS NGS sequencing with SEQme Petr Vácha , SEQme Company |
| 17:30 | Poster Presentation + Beer |

Tuesday 11/4/2017

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| 9:00 | <p>Arnaud Sentis, University of Toulouse, Toulouse, France Symptoms, acclimation, and adaptation to thermal stress: implication for species and their interactions</p> | |
| 9:45 | Invertebrates | <p>Searching for keystone species in aquatic food webs Anett Endrédi, Danube Research Institute, MTA Centre for Ecological Research, Hungary</p> |
| 10:05 | | <p>Genomic causes of large intraspecific genome size variation in a species of rotifer Julie Blommaert, Research Institute for Limnology, Mondsee, University of Innsbruck, Austria</p> |
| 10:25 | Coffee Break | |
| 11:05 | Invertebrates | <p>When lumbriculids (Annelida: Clitellata: Lumbriculidae) have power: clitellate assemblages in some Carpathian spring fens Martina Bílková, Department of Botany and Zoology, Masaryk University, Brno</p> |
| 11:25 | | <p>Growth and survival of pearl mussel (<i>Margaritifera margaritifera</i>) for bioindication Eva Niedlová, Departments of Biological Disciplines, Faculty of Agriculture, University of South Bohemia, České Budějovice, Czech Republic</p> |
| 11:45 | | <p>Demographic differences in the <i>Keratella cochlearis</i> species complex Adam Cieplinski, Edmund Mach Foundation (FEM), San Michele all'Adige, Italy & Research Institute for Limnology, University of Innsbruck, Austria</p> |
| 12:05 | | <p>How many ways can an aquatic beetle spend its time? Study on the movement and breathing behavior of <i>Cybister lateralimarginalis</i> De Geer, 1774 Péter Mauchart, Department of Hydrobiology, University of Pécs</p> |
| 12:25 | Lunch | |
| 13:30 | Invertebrates | <p>Behavioural types in aquatic insects and their potential effects on the food web structure and stability Joachim Näslund, Department of Ecosystem Biology, Faculty of Science, University of South Bohemia, České Budějovice, Czech Republic</p> |
| 13:50 | | <p>Turbidity mediates the relative importance of herbivory and carnivory in a fairy shrimp Dunja Lukić, WasserCluster Lunz, Austria</p> |
| 14:10 | | <p>Unexpected nonlinear effect of habitat complexity on functional responses Pavel Soukup, Faculty of Science of the University of South Bohemia, České Budějovice Czech Republic</p> |
| 14:30 | | <p>Multiple biotic influences on functional response in an intraguild predation system Julien Mocq, Department of Ecosystem Biology, Faculty of Science, University of South Bohemia, České Budějovice, Czech Republic</p> |
| 14:50 | | <p>Temperature, prey availability and predator diversity jointly influence surplus killing in a freshwater food web Lukáš Veselý, Faculty of Fishery and Protection of Waters, South Bohemian Research Centre of Aquaculture and Biodiversity of Hydrocenoses, University of South Bohemia, České Budějovice, Czech Republic</p> |
| 15:10 | Coffee Break | |

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| 15:50 | Fish ecology and fisheries | Top or bottom? Habitat measures aimed at boosting salmonid populations may be outweighed by associated increases in predation pressure Joe Huddart , Imperial College London |
| 16:10 | | Do Great Cormorants <i>Phalacrocorax carbo</i> target fish of the same species and sizes as anglers? Roman Lyach , Institute for Environmental Studies, Faculty of Science, Charles University in Prague |
| 16:30 | | Environmental DNA as a fish monitoring tool for Alpine rivers Dominik Kirschner , Workgroup Applied and Trophic Ecology, Institute of Ecology, University of Innsbruck, Austria |
| 16:50 | | Effects of an anaerobic filter module on water quality in koi ponds and recirculating aquaculture systems Michael Kolmar , Institute of Hydrobiology and Aquatic Ecosystem Management (IHG), University of Natural Resources and Life Sciences, Vienna, Austria |
| 17:10 | Poster Presentation + Beer | |

| Wednesday 12/4/2017 | |
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| 9:00 | Workshops |
| 12:25 | lunch |
| 13:30 | Ramiro Logares-Haurie , Institute of Marine Sciences (ICM-CSIC) in Barcelona Genomics of uncultured microbial eukaryotes, based in single-cell genomics and metagenome-assembled genomes |
| 14:15 | Grazing of <i>Nuclearia thermophila</i> and <i>Nuclearia delicatula</i> (Nucleariidae, Opisthokonta) on the toxic cyanobacterium <i>Planktothrix rubescens</i> Sebastian Dirren , Limnological Station, Department of Plant and Microbial Biology, University of Zurich, Switzerland |
| 14:35 | Common stress me out – how stressors affect freshwater communities Julia Nuy , Department of Biodiversity, University of Duisburg, Essen |
| 14:55 | Diversification and coherence in a species of pelagic freshwater bacteria Matthias Hoetzinger , Research Institute for Limnology, Mondsee, University of Innsbruck, Austria |
| 15:15 | Coffee Break |
| 15:55 | Novel and abundant streamlined <i>Synechococcus</i> sp. genomes assembled from freshwater reservoirs Pedro J Cabello-Yeves , Department of Microbiology. Universidad Miguel Hernández. San Juan de Alicante, Spain |
| 16:15 | Beta-diversity and the main drivers of benthic diatom communities in soda pans of the Carpathian Basin Beáta Szabó , University of Pannonia, Department of Limnology, Hungary |
| 16:35 | The microbiology of cave water pools and dripping points – aspects from Romanian show caves Bercea Silviu , Emil Racoviță Institute of Speleology, Cluj-Napoca, Romania |
| 16:55 | Poster Presentation + Beer |
| Dinner | |

Thursday 13/4/2017

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| 9:30 | <p>Pavel Hrouzek, Institute of Microbiology, Centre Algatech, Czech Academy of Sciences, Třeboň, Czech Republic Synthesis of secondary metabolites, their cytotoxic activity against cancer cells, newly discovered compounds and standardized screening methods</p> | |
| 10:15 | Microbiology and phycology | <p>Metagenomic analysis reveals the role of two submerged macrophyte species in shaping water column and sediment bacterial community Yanran Dai, Institute of hydrobiology, Chinese Academy of Sciences and WasserCluster Lunz GmbH</p> |
| 10:35 | | Coffee Break |
| 11:15 | | <p>Functional identity matters to ecosystem functioning in natural phytoplankton communities András Abonyi, MTA Centre for Ecological Research, Danube Research Institute</p> |
| 11:35 | | <p>Temperature- and light intensity preference of four freshwater green algae from different habitats Tamás Pálmai, University of Pannonia, Department of Limnology, Hungary</p> |
| 11:55 | | Hungarian invitation for the next meeting of FBFW |
| 12:10 | Goodbye | |
| 12:25 | Lunch | |