

Montag/Monday 28.10.2019

8:00-09:00 Registrierung/registration

09:00 Begrüßung/Welcome, Vorträge/talks 15min + 4min Diskussion/discussion

09:10 Longterm changes of annual maximum lake surface water temperatures in 22 peri-alpine lakes of Austria, *Martin Dokulil, ILIM, Uni Innsbruck*

09:30 The diet of the predatory cladoceran *Bythotrephes longimanus* in Austrian Alpine lakes *Arthur Pichler, Wassercluster Lunz*

09:50 Rapid summer warming of alpine streams and its consequences for invertebrate communities, *Georg Niedrist, Uni Innsbruck*

10:10 Kaffeepause/coffee break

10:40 Water warming and ciliates: an overview, *Wilhelm Foissner, Uni Salzburg*

11:00 Bacterioplankton and global warming: How narrow are climatic niches of pelagic freshwater bacteria? *Martin Hahn, ILIM Uni Innsbruck*

11:20 Effects of an experimental heat wave on the plankton of submontane lakes of the Alps, *Csaba Vad, Wassercluster Lunz*

11:40 Climate response of alpine lakes: resistance variability and management consequences for ecosystem services *Rainer Kurmayer, ILIM Uni Innsbruck*

12:00 Mittagsbuffet/Lunch buffet

13:00 Threats to ecosystem services of perialpine lakes induced by manufactured nanoparticles? *Josef Wanzenböck, ILIM Uni Innsbruck*

13:10 Review of the effects of the reconstruction on the benthic invertebrates in the river Glan in Salzburg *Andreas Fellner, Uni Salzburg*

13:40 Speed poster Präsentationen/speed poster presentations

14:00 Kaffeepause/coffee break

14:30 Drift of potamodromous whitefish (*Coregonus lavaretus*) larvae in a tributary river of the Hallstättersee *Tobias Grossgasteiger & Josef Wanzenböck, ILIM Uni Innsbruck*

14:50 The structuring role of fish migrations in freshwater ecosystems *Jacob Brodersen, EAWAG*

15:10 ALFFA - Holistic (multiscale) analysis of the factors and their effect on the fish fauna in inner-Alpine space *Katja Schmölz, EURAC*

15:30 Development and establishment of molecular genetic (eDNA) monitoring methods for fish in waterbodies in the alpine region, and comparison with traditional ecological status assessment methods *Hans Rund, ILIM Uni Innsbruck*

15:50 A new index for evidence-informed and policy-based conservation planning in protected areas *Anna Schöpfer, Uni Innsbruck*

16:10 Pause/break

16:30 SIL-Austria Generalversammlung/SIL-Austria General Assembly

Dienstag/Tuesday 29.10.2019

08:45 – 09:00 Registrierung/registration

09:00 Transfer of essential lipids from aquatic to terrestrial ecosystems, a case study of three lakes following depth and altitudinal gradients *Margaux Mathieu-Resuge & Martin Kainz, Wassercluster Lunz*

09:20 Selective retention of algal polyunsaturated fatty acids along stream food webs and within fish organs *Nadine Ebm, Wassercluster Lunz*

09:40 From bulk to specific diet source tracking in aquatic food webs – the trophic value of d13C and d2H in fatty acids from various sources and consumers *Martin Kainz, Wassercluster Lunz*

10:00 Kaffeepause/coffee break

10:20 High Alpine Lakes, Climate Change and Metacommunities: A First Look, *Stephen Wickham, Uni Salzburg*

10:40 Effects of light pollution on mixotrophic protists *Elisabeth Schlager, Uni Salzburg*

11:00 The D-A-(C) index – A tool for the ecological-microbiological assessment of groundwater ecosystems *Lucas Fillinger, Uni Wien*

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11:20 An integrative approach sheds new light onto the systematics and ecology of the widespread ciliate genus *Coleps* (Ciliophora, Prostomatea) *Thomas Pröschold, ILIM Uni Innsbruck*

11:40 Mittagsbuffet/Lunch buffet

13:30 Workshops am Forschungsinstitut für Limnologie, Mondsee (ILIM)/workshops at Research department for Limnology, Mondsee – Mondseestrasse 9, 5310 Mondsee

16:00 Workshops feed back Seminarraum Drachenwand, 2. Stock ILIM

16:30 Studierendenworkshop – unsere Zukunft/students` workshop-our future

Mittwoch/Wednesday 30.10.2019

09:00 Can connectivity buffer heat wave effects on plankton communities? *Robert Ptacnik, Wassercluster Lunz*

09:20 The effects of hydrological changes on water quality and spatial phytoplankton composition in Nyanza Gulf of Lake Victoria, Kenya *Benard M. Simiyu, ILIM Uni Innsbruck*

09:40 Impacts of the predatory cladoceran *Bythotrephes longimanus* on zooplankton communities in Austrian Alpine lakes *Radka Ptacnicova, Wassercluster Lunz*

10:00 OeAD Services and Funding Opportunities *Maria Unger, OeAD Wien*

10:20 10:40 Förderungsmöglichkeiten der FFG/FFG funding possibilities *Lisa Berg, FFG*

10:40 Kaffeepause und feed back/coffee break and feed back

11:15 Ruttner Preis/Ruttner award

11:45 Verabschiedung/farewell

Im Rahmen des 350 Jahr Jubiläums
finanziell unterstützt von der Universität Innsbruck



Wasser und Klimawandel - aktueller Informationsstand und künftige Herausforderungen/ Water and climate change - current knowledge and future challenges



 universität
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Forschungsinstitut für
Limnologie, Mondsee

28.-30. Oktober 2019

**Pfarrsaal Mondsee, Kirchengasse 1, 5310 Mondsee und
Forschungsinstitut für Limnologie, Mondsee (ILIM),
Mondseestrasse 9, 5310 Mondsee**

Geringfügige Änderungen sind möglich!