



Aquatic Ecology

Aquatic Ecology & Macroevolution Seminar Spring Semester 2017

Wednesdays, 2pm-3.30pm, Seminar room Seeheim, Eawag Kastanienbaum

Date	Speaker	Title
01 March	Dr. Philipp Meier , Department of Surface Waters Research & Management, Eawag	Trade-offs between hydropower production and metapopulation persistence in dendritic river networks
08 March	Dr. Diana Rennison , Evolutionary Ecology, IEE, University of Bern	Detecting the drivers of divergence: Identifying and estimating natural selection in threespine stickleback
15 March	Dr. Stephen Thomas , Department of Fish ecology & Evolution, Eawag AND Aquatic Ecology, University of Bern	Fish and landscapes: a research overview
22 March	Sofia van Moorsel , Department of Evolutionary Biology and Environmental Studies, University of Zurich	Community selection increases biodiversity effects in a grassland experiment
29 March	Dr. Luis Gilarranz , Department of Evolutionary Biology and Environmental Studies, University of Zurich	The spatial structure of biodiversity: theory, experiments, and synthesis
05 April	Prof. Dr. Sean Rogers , University of Calgary, Canada	Speciation seen through the lens of biomechanics: A multidisciplinary approach using fish locomotion and feeding in marine and freshwater threespine stickleback (<i>Gasterosteus aculeatus</i>)
12 April	Dr. Kathryn Elmer , University of Glasgow	Ecological genomics of parallel evolution in northern fishes
26 April	Prof. Neil Metcalfe , Institute of Biodiversity, Animal Health, and Comparative Medicine	Why does metabolic rate vary between individuals?
03 May	Prof. Dr. Corinne Vacher , INRA - University of Bordeaux, France	The Phyllospere: Microbial jungle at the plant-climate interface
10 May	Hanna Maerke , Section of Population Genetics, TU Munich, Germany	ABC - a new tool in the box to unravel the genetic basis of coevolutionary interactions?
17 May	Dr. Carole Smadja , Institut des Sciences de l'Evolution Montpellier, Université de Montpellier, France	Speciation as a question of smell and taste: genomics of reproductive isolation in mice and aphids
24 May	Hélène Hefti , Department of Fish ecology & Evolution, Eawag AND Aquatic Ecology, University of Bern	Natural and anthropogenic factors influencing fishes in the littoral zone of alpine and pre-alpine lakes
31 May	Anna Feller , Department of Fish ecology & Evolution, Eawag AND Aquatic Ecology, University of Bern	Genetics of functional novelty in interspecific cichlid hybrids