

# Aquatic Ecology & Macroevolution

## Fall Semester 2019

Time	Location	
14.00 - 15.30	Eawag Kastanienbaum	
	Wednesday, September 18 <sup>th</sup>	<i>Complex network patterns arise from simple coevolutionary dynamic between competing species</i> <b>Mihir Umarani</b> Department of Ecology and Evolution, SUNY Stony Brook, USA <i>Host: Carlos Melian</i>
	Wednesday, September 25 <sup>th</sup>	<i>The ecology and evolution of horizontal gene transfer</i> <b>Prof. Michael Brockhurst</b> Microbial Evolution, Department of Animal and Plant Sciences, University of Sheffield, GB <i>Host: Cas Retel</i>
	Wednesday, October 2 <sup>nd</sup>	<i>Rapid hybrid speciation associated with near-extinctions and resurgence in Lake Victoria cichlids</i> <b>Mikki Law</b> Fish Ecology and Evolution, Eawag Kastanienbaum & Aquatic Ecology and Evolution, University of Bern <i>Host: Ole Seehausen</i>
	Wednesday, October 9 <sup>th</sup>	<i>Ecosystems resilience to pulse disturbances: theory against data</i> <b>CEEBS seminar</b> <b>Dr. Claire Jacquet</b> Department of Evolutionary Biology and Environmental Studies, University of Zurich & Department of Aquatic Ecology, Eawag Dübendorf <i>Host: Carlos Melian</i>

Wednesday, October 16 <sup>th</sup>	<i>Modeling the ecology and evolution of biodiversity: Biogeographical cradles, museums and graves</i> <b>Prof. Dr. Thiago Rangel</b> Swiss Federal Research Institute WSL, Birmensdorf <i>Host: Carlos Melian</i>
Wednesday, October 23 <sup>rd</sup>	<i>Title to be announced</i> <b>Speaker to be announced</b>
Wednesday, October 30 <sup>th</sup>	<i>Prospects for genomics research in Tanzania: Opportunities and challenges</i> <b>Aneth David</b> Swedish University of Agricultural Sciences (SLU) & University of Dar-es-Salaam, Tanzania <i>Host: Ole Seehausen</i>
Wednesday, November 6 <sup>th</sup>	<i>Eco-evolutionary dynamics in complex systems</i> <b>Prof. Lutz Becks</b> University of Konstanz, Germany <i>Host: Philine Feulner</i>
Wednesday, November 13 <sup>th</sup>	<i>The dynamic phenotype: insight from frogs and fish in changing environments</i> <b>Dr. Katja Räsänen</b> Department of Ecology, Eawag Dübendorf <i>Host: Philine Feulner</i>
Wednesday, November 20 <sup>th</sup>	<i>Detecting large- and small-scale chromosomal rearrangements from genome assemblies: method development and testing the association between rearrangement and adaptive loci in stickleback</i> <b>Dr. Dorothea Lindtke</b> Institute of Plant Sciences, University of Berne <i>Host: David Alexander Marques</i>

- Wednesday, November 27<sup>th</sup> Costs, conflicts and evolutionary consequences of developmental plasticity in amphibian larvae  
**Dr. Ivan Gomez**  
Ecology, Evolution and Development Group, Donana Biological Station, CSIC, Seville, Spain  
*Host: Maria Cuenca*
- Wednesday, December 4<sup>th</sup> *Ecological and evolutionary impacts of warmer climates on a lizard species: a semi-natural experiment*  
**Dr. Julien Cote**  
Department of Evolution and Biological Diversity, University Paul Sabatier, Toulouse, France  
CNRS, Centre National de la Recherche Scientifique  
*Host: Kunio Takatsu*
- Wednesday, December 11<sup>th</sup> *Coping with environmental change – insights from invertebrate models*  
**Elvira Lafuente**  
University of Helsinki, Finland  
*Host: Blake Matthews*
- Wednesday, December 18<sup>th</sup> *Title to be announced*  
**CEEBS seminar** **Prof. Dr. Dirk Verschuren**  
Department of Biology, Ghent University Belgium  
*Host: Moritz Muschik, Ole Seehausen*

*CEEBS seminars are relevant to multiple departments within the Center for Ecology, Evolution and Biogeochemistry. All seminars can be transmitted to Dübendorf upon request: [videoconference@eawag.ch](mailto:videoconference@eawag.ch)*