**Aquatic Ecology & Macroevolution**

**Fall Semester 2019**

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<th>Time</th>
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| 14.00 - 15.30 | Eawag Kastanienbaum | Complex network patterns arise from simple coevolutionary dynamic between competing species | Mihir Umarani  
Department of Ecology and Evolution, SUNY Stony Brook, USA | Carlos Melian  |
|               |                   |                                                                      |                                                    |                 |
|               |                   | The ecology and evolution of horizontal gene transfer                | Prof. Michael Brockhurst  
Microbial Evolution, Department of Animal and Plant Sciences, University of Sheffield, GB | Cas Retel       |
|               |                   |                                                                      |                                                    |                 |
|               | Wednesday, October 2nd | Rapid hybrid speciation associated with near-extinctions and resurgence in Lake Victoria cichlids | Mikki Law  
Fish Ecology and Evolution, Eawag Kastanienbaum & Aquatic Ecology and Evolution, University of Bern | Ole Seehausen   |
|               |                   |                                                                      |                                                    |                 |
|               | Wednesday, October 9th | Ecosystems resilience to pulse disturbances: theory against data    | Dr. Claire Jacquet  
Department of Evolutionary Biology and Environmental Studies, University of Zurich & Department of Aquatic Ecology, Eawag Dübendorf | Carlos Melian  |
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<td>Wednesday, October 16th</td>
<td>Modeling the ecology and evolution of biodiversity: Biogeographical cradles, museums and graves</td>
<td>Prof. Dr. Thiago Rangel</td>
<td>Swiss Federal Research Institute WSL, Birmensdorf</td>
<td>Carlos Melian</td>
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<td>Wednesday, October 23rd</td>
<td>Eco-evolutionary dynamics of intraspecific variation</td>
<td>Dr. Hanna ten Brink</td>
<td>Department of Evolutionary Biology and Environmental Studies, University of Zurich</td>
<td>Jakob Brodersen</td>
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<td>Wednesday, October 30th</td>
<td>Prospects for genomics research in Tanzania: Opportunities and challenges</td>
<td>Aneth David</td>
<td>Swedish University of Agricultural Sciences (SLU) &amp; University of Dar-es-Salaam, Tanzania</td>
<td>Ole Seehausen</td>
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<td>Wednesday, November 6th</td>
<td>Eco-evolutionary dynamics in complex systems</td>
<td>Prof. Lutz Becks</td>
<td>University of Konstanz, Germany</td>
<td>Philine Feulner</td>
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<td>Wednesday, November 13th</td>
<td>The dynamic phenotype: insight from frogs and fish in changing environments</td>
<td>Dr. Katja Räsänen</td>
<td>Department of Ecology, Eawag Dübendorf</td>
<td>Philine Feulner</td>
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Wednesday, November 20th
Detecting chromosomal rearrangements from genome assemblies: method development and application to stickleback
Dr. Dorothea Lindtke
Institute of Plant Sciences, University of Berne
Host: David Alexander Marques

Wednesday, November 27th
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 4th
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 11th
Coping with environmental change – insights from invertebrate models
Elvira Lafuente
University of Helsinki, Finland
Host: Blake Matthews

Wednesday, December 18th
Long-term dynamics of tropical-African ecosystems, terrestrial and aquatic
Prof. Dr. Dirk Verschuren
Department of Biology, Ghent University Belgium
Host: Moritz Muschik, Ole Seehausen

CEEB 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