

Aquatic Ecology & Evolution

Seminar in Aquatic Ecology & Evolution

Spring Semester 2020

Wednesdays, 14-15h, Seminar room Seeheim, Eawag Kastanienbaum

| Date | Speaker | Title of talk |
|----------|---|--|
| 19 Feb | Dr. Philine Feulner Fish Ecology and Evolution, Eawag Kastanienbaum & Aquatic Ecology, IEE, University of Bern | Genomics of Rapid Adaptation |
| 26 Feb | Dr. Kotaro Kagawa Fish Ecology and Evolution, Eawag Kastanienbaum & Aquatic Ecology, IEE, University of Bern | Theories of speciation and adaptive radiation by Hybridization |
| 04 March | Dr. Alan Bergland Biology Department, University of Virginia | Local ecology shapes the evolution of multi-locus reproductive polymorphism in <i>Daphnia pulex</i> |
| 11 March | Dr. Martha Muñoz Department of Ecology and Evolutionary Biology, Yale University | Behaviour is a motor and a brake for evolution |
| 18 March | Dr. Kunio Takatsu Fish Ecology and Evolution, Eawag Kastanienbaum | Feedbacks between individual growth and trophic interactions |
| 25 March | Dr. David Marques Fish Ecology and Evolution, Eawag Kastanienbaum & Aquatic Ecology, IEE, University of Bern | Adaptive radiation genomics and the repeatability of Evolution |
| 01 April | Dr. Ryan Greenway Fish Ecology and Evolution, Eawag Kastanienbaum & Aquatic Ecology, IEE, University of Bern | Direct and indirect interactions as drivers of evolution |
| 08 April | Dr. Oliver Selz Fish Ecology and Evolution, Eawag Kastanienbaum | Applied fish movement biology – an ethohydraulics Approach |
| 22 April | Dr. Gaurav Baruah Fish Ecology and Evolution, Eawag Kastanienbaum & Aquatic Ecology, IEE, University of Bern | Early warning signals of population collapse |
| 29 April | Rishi De Kayne Fish Ecology and Evolution, Eawag Kastanienbaum & Aquatic Ecology, IEE, University of Bern | Genomic resources provide new insights into the Swiss Alpine whitefish radiation |
| 06 May | Vera Ogi Fish Ecology and Evolution, Eawag Kastanienbaum & Aquatic Ecology, IEE, University of Bern | Ancient admixture is not enough for sympatric adaptive Radiation |
| 13 May | Dr. Adam Ciezarek Evolutionary Biologist, Science Department, Earlham | Ongoing and ancient genomic introgression in <i>Oreochromis tilapia</i> s |

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| | Institute, Norwich, UK | |
| 20 May | Nicola Sperlich MSc Thesis, Fish Ecology and Evolution, Eawag Kastanienbaum & Aquatic Ecology, IEE, University of Bern | Influence of migration on population structure and Diversification |
| 27 May | Dr. Moritz Muschick Fish Ecology and Evolution, Eawag Kastanienbaum & Aquatic Ecology, IEE, University of Bern | Lake Victoria's past seen through the lens of ancient DNA |
| 03 June | Yannick Hunziker MSc Thesis, Fish Ecology and Evolution, Eawag Kastanienbaum & Aquatic Ecology, IEE, University of Bern | Sexual influence on juvenile trout migration patterns |