

# ***The Temporal Dynamics of Evolution***

## **Fribourg Ecology & Evolution Days 9-10 September 2019**

organized by Esra Durmaz, Daniel Wegmann, and Thomas Flatt

Venue: Plant Biology Auditorium 0.110 (PER04), 3 rue Albert Gockel

### **Monday 9, September 2019**

0815 Arrival, registration and coffee

0855 Welcome

0900 **Daniel Wegmann** (University of Fribourg)  
*Time-series data - the speed camera to quantify evolution*

1000 Coffee break (30')

1030 **Nina Therkildsen** (Cornell University)  
*Combining experiments and analysis of historical samples to elucidate the genomic basis of rapid fisheries-induced evolution*

1130 Student speed talks (U. Oggenfuss, D. Frei, C. Retel, M. Moosmann) (5' talk + 3' discussion)

1215 Lunch

1430 **Paul Schmidt** (University of Pennsylvania)  
*Rapid and polygenic evolution in temporally fluctuating environments*

1530 Coffee break

1600 **Anna-Sapfo Malaspinas** (University of Lausanne)  
*Insights into human evolution from ancient DNA*

1700 Free time; stroll into town

1800 Conference dinner in town (Restaurant Bindella, Rue de Lausanne 38/40, Fribourg)

### **Tuesday, 10 September 2019**

0900 **Katerina Guschanski** (Uppsala University)  
*Time travel for conservation: Genomic analyses of historical samples reveal consequences of anthropogenic actions on mammals and their microbiomes*

1000 Coffee break & poster session

1100 **Ole Seehausen** (University of Bern)  
*The ecological and genomic basis of explosive adaptive radiation in sympatry*

1200 Lunch

1330 **Lutz Becks** (University of Konstanz)

*Role of coevolution in generating diversity: lessons from experimental evolution studies*

1430 Breakout session: 3 roundtables with students & speakers

1530 Farewell drinks & goodbye