



Phylogenetic Modeling and Human History Workshop

6 – 7 June 2024

University of Zurich, Department of Comparative Language Science,
Affolternstrasse 56, 8050 Zurich, room AFL-E-019.

Members of the NCCR Evolving Language @ UZH and ETHZ &
members of the Max-Planck-Institute for Evolutionary Anthropology, Leipzig.

Day 1: Thursday, 6 June

9:00-9:30	Balthasar Bickel (UZH)	Introduction: goals and challenges
9:30-9:45	Tanja Stadler (ETHZ)	The Bayesian phylodynamics framework
9:45-10:00	Sabine Stoll (UZH)	Entropy reduction in language learning and language change
10:00-10:30	Coffee break	
10:30-11:00	Russell Gray & Lina Herbst (MPI-EVA)	Language phylodynamics: the surprising case of Vanuatu
11:00-11:20	Angela-Maria Chira (MPI-EVA)	The mosaic evolution of linguistic disparity
11:20-11:35	Paul Widmer & John Mansfield (UZH)	Schismogenesis
11:35-11:45	Discussion	<i>Theme: schismogenesis</i>
11:45-13:00	Lunch break	
13:00-13:15	Ewan Mitchell (ETHZ)	Inferring demographic histories using genetic and linguistic data
13:15-13:45	Anna Graff (UZH)	Using genetic admixture to identify and study language contact
13:45-14:05	Cecilia Padilla Iglesias (UZH)	Deep history of cultural and linguistic evolution among Central African hunter-gatherers
14:05-14:20	Kentaro Shimizu (UZH)	Phylogenetic and population genetic analysis
14:20-14:30	Discussion	<i>Theme: genetics</i>
14:30-15:00	Coffee break	



15:00-15:30	Tim Vaughan (ETHZ)	Recent developments in Bayesian phylodynamic methods
15:30-15:45	Anna Graff & Chundra Cathcart (UZH)	A global search for linguistic areas using clustering algorithms: sBayes and beyond
15:45-16:15	Chundra Cathcart (UZH)	Phylogenetic Distributional Modeling
16:15-16:30	John Mansfield (UZH)	Methods for disentangling lexical and conceptual transmission
16:30-16:45	Erik Ringen (UZH)	Causal inference and the detection of co-evolutionary contingencies using dynamic phylogenetic models
16:45-17:00	Discussion	<i>Theme: methods</i>
18:30	Workshop dinner	

Day 2: Friday, 7 June

9:00-9:30	Chundra Cathcart (UZH)	Recent results from continuous-trait modeling
9:30-9:45	Sarah Babinski (UZH)	Phylogenetic signal in stress
9:45-10:00	Discussion	<i>Theme: continuous traits</i>
10:00-10:30	Coffee break	
10:30-10:45	Benedict King (MPI-EVA)	Quick and dirty vs. slow and clean methods of detecting language contact
10:45-11:00	Paul Widmer (UZH)	ContactTrees
11:00-11:15	Balthasar Bickel (UZH)	Morphological complexity metrics: phylogenetic and contact signals
11:15-11:35	Peter Ranacher (UZH)	Clustering in the presence of confounders – beyond language contact
11:35-11:45	Discussion	<i>Theme: language contact</i>
11:45-13:00	Lunch break	
13:00-13:30	Balthasar Bickel (UZH)	Multiple regimes and split systems
13:30-13:45	Alexandru Craevschi (UZH)	The evolution of principal parts and paradigm leveling in Germanic clade
13:45-14:15	Chundra Cathcart (UZH)	The coevolution of sound patterns and the lexicon
14:15-14:30	Discussion	<i>Theme: CTMC models 1</i>



14:30-15:00	Coffee break	
15:00-15:15	Paul Widmer (UZH)	Context-specific syntax reconstruction
15:15-15:30	Laura Dees (UZH)	Evolutionary dynamics of syllable structure in Indo-European
15:30-15:45	Kim Gfeller (UZH)	Using colexification data to find patterns of semantic change
15:45-16:00	Discussion	<i>Theme: CTMC models 2</i>
16:00-17:00	General Discussion	