

Programme:

Monday 15 of April 2024

10:00 – 11:00: Lecture Introduction to Phylogenetic Comparative Methods

11:00 – 13:00: Ancestral state reconstruction for binary or categorical data: Models of trait evolution and interpretation of the results

13:00 – 14:30: Lunch

14:30 – 15:30: Ancestral state reconstruction for continuous variables: The Brownian motion model, potential pitfalls and limitations.

15:30 – 17:30: Practicals in R

Tuesday 16 of April 2024

11:00 – 13:00: An introduction to Phylogenetic Generalized Least Squares

13:00 – 14:30: Lunch

14:30 – 15:30: Verifying model assumptions, avoiding common pitfalls, possible extensions.

15:30 - 17:30: Practicals in R and interpretations of the results.

17:30 – 18:00: Exam for the obtainment of credits (2 CFU)