

Thursday 27 – Friday 28 June 2024

Workshop overview

- Interpreting phylogenetic trees
- Molecular evolution and evolutionary models
- Phylogenetic data
- Phylogenetic methods
- Phylogenomics
- Molecular dating







Contributors

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Programme – Day 1

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09.30 - 09.40
               Welcome
09.40 – 10.30 Lecture 1.1: Introduction to molecular phylogenetics
               Practical 1.1: Sequence alignment (MEGA)
10.30 - 11.00
               - Break -
11.15 - 12.00
               Lecture 1.2: Evolutionary models
               Lecture 1.3: Phylogenetic data
12.00 - 12.30
               - Lunch break -
13.15 - 14.00
               Lecture 1.4: Phylogenetic methods
               Practical 1.2: Model selection and phylogenetic analysis
14.00 - 17.00
               (MEGA and IQ-TREE)
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Programme – Day 2

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09.00 – 09.45 Lecture 2.1: Phylogenomics
               Practical 2.1: Gene trees and species trees (ASTRAL)
09.45 - 11.00
               - Break -
11.15 - 12.30
                Lecture 2.2: Bayesian phylogenetics
               - Lunch break -
13.15 – 13.45 Lecture 2.3: Models and priors
13.45 – 14.30 Lecture 2.4: Molecular dating
               Practical 2.2: Bayesian phylogenetics and molecular dating
14.30 - 17.00
               (BEAST)
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