



NTHRYS WORKSHOPS

Advanced Techniques In Phylogenetics

8:45 AM - 10:15 AM: Session 1: Next-Generation Sequencing

Introduction to next-generation sequencing technologies.
Practical demonstration of sequencing workflows.
Data analysis techniques for phylogenetics.

10:15 AM - 10:30 AM: Coffee / Tea / Snacks Break

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Bayesian Inference Methods

Overview of Bayesian inference in phylogenetics.
Practical session on using MrBayes software.
Interpreting results and troubleshooting common issues.

12:00 PM - 1:00 PM: Lunch Break

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Molecular Phylogenetics

Using molecular data to reconstruct evolutionary histories.

Case studies on molecular phylogenetics.
Discussion on integrating molecular data with other data types.

2:30 PM - 2:45 PM: Short Break

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Phylogenetics in Conservation Biology

Strategies for using phylogenetics in conservation biology.
Case studies on conservation applications.
Future trends and challenges in the field.

4:15 PM - 4:30 PM: Coffee / Tea / Snacks Break

Last networking opportunity with snacks.

4:30 PM - 5:30 PM: Closing Session: Implementing Changes and Technology Adoption

Group discussions on implementing new techniques learned today.
Dialogue on overcoming challenges in adopting new technologies in similar sectors.
Feedback session and closing remarks.

Certificate Issue

5:30 PM: Workshop Concludes