



NTHRYS WORKSHOPS

Practical Techniques In Phylogenetics

8:45 AM - 10:15 AM: Session 1: Introduction to Phylogenetics

Overview of phylogenetics and its applications.
Techniques for analyzing genetic sequences.
Case studies on phylogenetic research.

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

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Data Collection and Analysis

Hands-on techniques for collecting and processing genetic data.
Software tools for phylogenetic analysis.
Practical session on data visualization.

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Phylogenetic Models

Introduction to phylogenetic models and their applications.

Building and testing models using real-world data.
Discussion on model limitations and improvements.

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

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Case Studies and Applications

Review of significant case studies in phylogenetics.
Application of phylogenetics in evolutionary biology.
Future trends and research directions.

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