



NTHRYS WORKSHOPS

Advanced Techniques In Evolutionary Studies

8:45 AM - 10:15 AM: Session 1: Genomics and Evolution

Introduction to genomics approaches in evolutionary biology.
Hands-on session on genome sequencing and analysis.
Practical demonstration of comparative genomics techniques.

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

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Population Genetics

Exploring the genetic structure of populations.
Workshop on analyzing allele frequency data.
Case studies on population genetics and evolutionary dynamics.

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

Catered lunch and networking opportunity.

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

Hands-on session on constructing phylogenetic trees.
Exploring methods for inferring evolutionary relationships.
Practical applications of phylogenetics in research.

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

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Evolutionary Developmental Biology

Workshop on the role of development in evolution.
Practical techniques for studying evolutionary changes in development.
Case studies on evo-devo research.

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