



NTHRYS WORKSHOPS

Advanced Techniques In Motif Prediction

8:45 AM - 10:15 AM: Session 1: Advanced Motif Prediction Techniques

Introduction to advanced techniques in motif prediction.
Hands-on session on using deep learning, machine learning, and other advanced methods.
Practical demonstration of advanced motif prediction applications.

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

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Comparative Motif Analysis

Exploring comparative motif analysis approaches.
Workshop on comparing motifs across different species and conditions.
Case studies on the applications of comparative motif analysis in evolutionary biology.

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Motif Prediction in Non-Coding Regions

Hands-on session on studying motifs in non-coding regions.

Exploring techniques for identifying regulatory motifs in non-coding DNA and RNA.
Practical applications of motif prediction in understanding non-coding elements.

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

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Integrative Omics and Motif Prediction

Workshop on integrating multi-omics data in motif prediction.
Practical techniques for combining genomics, transcriptomics, and epigenomics.
Case studies on the role of integrative omics in advancing motif prediction.

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