



NTHRYS WORKSHOPS

Advanced Techniques In Nanoinformatics

8:45 AM - 10:15 AM: Session 1: Advanced Nanoinformatics Techniques

Introduction to advanced techniques in nanoinformatics.
Hands-on session on using machine learning, AI, and big data in nanoinformatics.
Practical demonstration of advanced nanoinformatics applications.

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

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Computational Modeling and Simulation

Exploring computational modeling and simulation in nanoinformatics.
Workshop on developing and using models for nanomaterials and nanosystems.
Case studies on the applications of computational modeling in nanoinformatics.

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Data Mining and Pattern Recognition

Hands-on session on data mining and pattern recognition.

Exploring techniques for extracting useful information from large datasets.
Practical applications of data mining in nanoinformatics.

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 in Nanoinformatics

Workshop on integrating multi-omics data in nanoinformatics.
Practical techniques for combining genomics, proteomics, and metabolomics data.
Case studies on the role of integrative omics in advancing nanoinformatics.

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