



NTHRYS WORKSHOPS

Introduction To Connectomics

8:45 AM - 10:15 AM: Session 1: Fundamentals of Connectomics

Overview of connectomics and its importance in neuroscience.
Introduction to neuronal tracing techniques and brain mapping.

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

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Brain Imaging Techniques

Hands-on training on brain imaging techniques such as MRI, fMRI, and diffusion tensor imaging.
Practical session on data acquisition and processing.

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Network Analysis in Connectomics

Overview of network analysis methods applied to connectomics data.
Practical exercises on analyzing brain connectivity networks and graph theory.

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

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Connectomics in Disease Research

Discussion on the role of connectomics in studying neurological disorders.

Case studies on connectomics-based research in Alzheimers disease, autism, and other conditions.

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