Center for Complex Systems & Data Science (CSDS)
The Institute of Mathematical Sciences
Chennai

Brains, Dynamics & Computation

A Workshop on Network Neuroscience

May 22 – June 4, 2025

The workshop is targeted at a multi-disciplinary audience, and aims to highlight how network-based perspectives can yield significant insights into the workings of the brain. Particular attention will be paid to structural and functional connectomes across species, ranging from the nematode *C. elegans* to primates & humans: their roles in mediating brain function and facilitating computation. Participants will gain experience in applying a range of theoretical frameworks to address research questions, through lectures, as well as, group projects. The latter will span topics ranging from modelling collective activity in small networks of neurons to applying network science methods to the analysis of macro-connectomes.
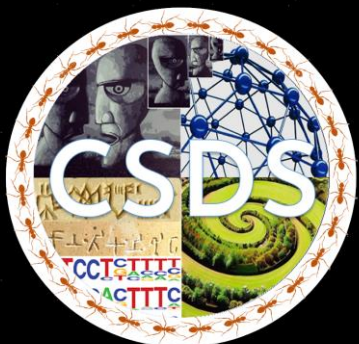
Venue

ECG Sudarshan Hall
The Institute of Mathematical Sciences
CIT Campus, Chennai 600113, India

Participation

Limited seats available. For detail and to apply, please visit workshop webpage at
https://tinyurl.com/63w8pnwv

For queries, email csdslab.india@gmail.com

Organizers

Shakti N Menon
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