

Schedule:

**Wednesday 10 am - 11:30 am in JLG-L5-084**

- **1/22/25** Path Integrals and Chaotic RNNs – Owen Marschall
- **1/29/25** Biophysics Tricks for Computation – Salomon Muller
- **2/5/25** Representation Geometry in Task-Optimized Neural Networks – Bin Wang
- **2/12/25** Bayesian Theory of Neural Networks – Haozhe Shan
- **2/19/25** Bifurcation Analysis – Klavdia Zemlianova
- **2/26/25** Linear Transformers – Rainer Engelken
- **3/5/25** Task-Optimized Models of Brain Regions – Tahereh Toosi
- **3/12/25** Information Theory – Jeff Johnston
- **3/19/25** No class (Spring Break)
- **3/26/25** No class (COSYNE)
- **4/2/25** No class (COSYNE)
- **4/9/25** Synaptic Plasticity – Kris Wu
- **4/16/25** TBA – Samuel Muscinelli
- **4/23/25** Meta-Learning – Kaushik Lakshminarasimhan
- **4/30/25** Low-Rank RNNs – Manuel Beiran
- **5/7/25** Student Presentations