

School on Lattice Models (November 27 - December 1)

(GMT-3)	Monday (November 27)	Tuesday (November 28)	Wednesday (November 29)	Thursday (November 30)	Friday (December 1)
9:00 - 10:30	Registration (10:00-11:00)	Learning probability distributions of neuronal activity patterns: Pairwise models of neuronal activity	Learning probability distributions of neuronal activity patterns: Max entropy models	Learning probability distributions of neuronal activity patterns	Student Presentation of projects
10:30- 11:00		Coffee	Coffee	Coffee	Coffee
11:00 - 12:30	Learning probability distributions of neuronal activity patterns: Modelling neurons	Understanding the role of space in ecological dynamics. Master equations for population dynamics	Understanding the role of space in ecological dynamics. Implementing efficient numerical simulations	Understanding the role of space in ecological dynamics. Mean-field and higher-order analytical approximations	Student Presentation of projects
12:30 - 14:00	Lunch	Lunch	Lunch	Lunch	Lunch
14:00 - 16:00	Understanding the role of space in ecological dynamics. From spins to organisms	Hands-on project	IFT-Colloquium + Coffe (14:00-15:30)	Hands-on project	Hands-on project
16:00 - 16:30	Coffee	Coffee	Hands-on project	Coffee	Coffee
16:30 - 18:00	Student presentations of their research	Hands-on project		Hands-on project	Hands-on project