Applying Computational Theories Developed in Theoretical Neurobiology to Inform Psychopathology

Abstract:
It is an enduring pursuit in clinical science to formulate quantitative accounts of maladaptive human cognition and action. Various computational theories developed in neuroscience research have seen their increasing application in modeling psychiatric symptoms.

In this talk, Dr Jin will talk about her recent work applying the predictive processing framework developed in theoretical neurobiology to conceptualize psychopathology. Simulation results will also be presented.