THE HONG KONG UNIVERSITY OF SCIENCE & TECHNOLOGY

Department of Mathematics

Summer Research Program 2022

PG STUDENT SEMINAR

Unnormalized statistical sampling and generative models

By

Mr. Hanze DONG

Abstract

Sampling from unnormalized distributions is an important task in statistics and machine learning. Monte Carlo Markov Chain (MCMC) and variational inference (VI) are considered two mainstream lines to handle the intractable integration of unnormalized distributions. However, both of them have limitations in theory and practice. In this seminar, we will introduce the sampling techniques for unnormalized distributions as well as the connection with modern generative models.

Date : 28 July 2022 (Thursday)
Time : 3:00pm
Zoom Meeting : https://hkust.zoom.us/j/95134138608 (Passcode: 203575)

All are Welcome!