Flatiron Internal Conference: Flatiron-wide Algorithms and Mathematics

Monday, October 19, 2020

Case Study: Advanced MCMC methods **(11:20 AM - 11:50 AM)**

  -**Conveners: Erik Thiede**

Case Study: Hierarchical low rank compression and an application in many-body quantum physics **(11:50 AM - 12:20 PM)**

  -**Conveners: Jason Kaye**

Case Study: Recurrent VAE for anomaly detection in supernova time series **(2:20 PM - 2:50 PM)**

  -**Conveners: Ashley Villar**

Case Study: Differentiable programming for protein structure alignment **(2:50 PM - 3:20 PM)**

  -**Conveners: Jamie Morton**

Tuesday, October 20, 2020

Case Study: Descartes versus bayes: Views of deep net theories **(11:20 AM - 11:50 AM)**

　-**Conveners: Stephane Mallat**

Case Study: SARS-CoV-2 transmission in Marine recruits during quarantine and training **(11:50 AM - 12:20 PM)**

　-**Conveners: Rachel Sealfon**

Case Study: Discovering symbolic models in physical systems using deep learning **(2:20 PM - 2:50 PM)**

　-**Conveners: Shirley Ho**

Case Study: An automated framework for efficiently designing deep convolutional neural networks in genomics **(2:50 PM - 3:20 PM)**

　-**Conveners: Zijun Zhang**