

High Dimensional Hamilton-Jacobi PDEs

Wednesday March 18, 2020

2:00–3:00 **Matthew Barker** (Imperial College)
A mean field game model of knowledge spillovers

Monday March 23, 2020

11:00–12:00 **Alpár Mészáros** (University of Durham)
Master equations arising in the theory of Mean Field Games (Part 1)

Thursday March 26, 2020

11:00–12:00 **Wuchen Li** (University of California, Los Angeles (UCLA))
Transport information geometry: current and future

Monday April 6, 2020

11:00–12:00 **Wuchen Li** (University of California, Los Angeles (UCLA))
Transport information geometry meets MCMC methods

Thursday April 9, 2020

11:00–12:00 **Alpár Mészáros** (University of Durham)
Master equations arising in the theory of Mean Field Games (Part 2)

Monday April 13, 2020

11:00–12:00 **Levon Nurbekyan** (University of California, Los Angeles (UCLA))
Regularity theory and weak solutions for mean-field game systems



Monday April 27, 2020

11:00–12:00 **Levon Nurbekyan** (University of California, Los Angeles (UCLA))
On variational structures of mean-field game systems

Wednesday April 29, 2020

2:00–3:00 **Gabriel Provencher Langlois** (Brown University)
On Bayesian posterior mean estimators in imaging sciences and Hamilton-Jacobi Partial Differential Equations

Thursday April 30, 2020

11:00–12:00 **Chenchen Mou** (University of California, Los Angeles (UCLA))
Mean field game master equation with individual and common noises (Part 1)

Monday May 11, 2020

10:00–11:00 **Yat Tin Chow** (University of California, Riverside (UC Riverside))
A Partial Laplacian as an Infinitesimal Generator on the Wasserstein Space

Thursday May 14, 2020

10:00–11:00 **Yat Tin Chow** (University of California, Riverside (UC Riverside))
A discussion of a numerical method of solving high dimensional Hamilton-Jacobi equations with generalized Hopf-Lax formula

Wednesday May 27, 2020

10:00–11:00 **Nadejda Drenska** (University of Minnesota)
PDE Approaches to A Problem from Prediction with Expert Advice

Thursday May 28, 2020

9:00–10:00 **Chenchen Mou** (University of California, Los Angeles (UCLA))
Mean field game master equation with individual and common noises (Part 2)

Monday June 1, 2020

9:00–10:00 **Hamidou Tembine** (New York University)
Mean-Field-Type Games

Thursday June 4, 2020

9:00–10:00 **Hamidou Tembine** (New York University)
COVID-19: Data-Driven Modelling