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*Multimarginal Optimal Transport with Neural Networks*

Optimal Transport problems arise naturally in many different fields such as Economics, Biology or Quantum Physics. In this talk, I will introduce the classical two-marginal optimal transport problem, and then generalize it to the problem with finitely many marginals. Finally, we will discuss computational algorithms solving the Entropy-Regularized Optimal Transport using Sinkhorn algorithm, and a novel one using Neural Networks.