## Analysis and Differential Geometry Seminar

A limit theorem in Optimal transportation theory

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**Abstract:** Ill review the fundamental theory of optimal transportation and define the notion of conditional Wasserstein metric on the set of probability measures. If time permits Ill discuss various applications to control, regularity of flows, dynamics, and design of optimal networks.

Tuesday, February 11, 2020, 4:00 pm Mathematics and Science Center: MSC W301

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