

Spring  
2017

# *Mathematical Sciences Colloquium*

## **“Optimal Transport on Finite Graphs”**

**Abstract:** Optimal transport theory in continuous space has been extensively studied in the past few decades. In this talk, I will discuss similar matters on discrete spaces. Various recent developments related to free energy, Fokker-Planck equations, as well as Wasserstein distance on graphs will be presented, some of them are rather surprising. This presentation is based on several joint papers with Shui-Nee Chow (Georgia Tech), Wen Huang (USTC), Wuchen Li (UCLA), Yao Li (U. Mass).

**Speaker: Haomin Zhou**

**School of Mathematics**

**Georgia Institute of Technology**

**Monday, March 20, 2017**

**Time: 4:00 – 5:00 PM**

**Location: Amos Eaton 214**

Host: Rongjie Lai



