ABSTRACT:

In this talk I will give a brief overview of current academic research on Fintech. The topics to be discussed include: (1) **P2P equity financing**: how to design contracts suitable for a P2P equity financing platform with information asymmetry. (2) **Robotic financial advising**: how to get investor’s risk aversion parameters automatically by asking simple questions, and how to get consistent answers to meet goals of investors, such as retirement planning. (3) **Economics of Bitcoin**: how to build a general equilibrium model for bitcoin. (4) **Data privacy preservation**: how to do econometrics based on the encrypted data while still preserving privacy. All the above 4 topics are based on my recent working papers.