Data-Driven Networking (DATANET)

Tempe, Arizona, May 13, 2016

The aim of this workshop is to bring together researchers in the emerging topics related to data driven concepts in networking. Data-driven networking is recently attracting increasing attention from both industry and academia. Data-driven networking seeks to improve network performance and user experience by leveraging fast-growing storage capabilities and availability of network data. It is increasingly becoming clear that network control and management challenges can benefit from using network measurement and user behavior data in conjunction with machine learning techniques and other decision making mechanisms. This workshop is motivated by big data resulting from the explosive growth of Internet data traffic and availability of network performance data.

This 1st data-driven networking workshop consists of a keynote speech and invited presentations by researchers and practitioners from both the industry and academia. We intend for this workshop to serve as a forum for exchanging cutting-edge research outcomes, for facilitating collaboration, and for fostering new ideas. The topics of interest include but are not limited to:

- Network measurements and inference
- Networks models & learning
- Feedback graphs and bandits
- Joint learning and decision making

Workshop organizers

- Prof Xin Liu, UC Davis
- Prof Venkatesh Saligrama, Boston University

Important Dates

Paper submission:	January 26, 2016
Notification of acceptance:	March 1, 2016
Camera-ready/registration due:	March 15, 2016