

JOINT SEMINAR

**AI for the Future of Commerce: Challenges and Opportunities**

By

**Dr. Min Wang**

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Date: 9 January 2018 (Tuesday)

Time: 11:00am

Venue: LT-G (Lift 25-26)

**Abstract**

Visa's unique position as the world's largest payment network enables us to serve billions of consumers and tens of millions of merchants on a daily basis. These massive high-quality financial data provide valuable insights on how people conduct commerce around the world, and AI technology has the potential to unlock the hidden value in these data and drive innovations in the payments industry. In this talk, I will give an overview of the research opportunities and challenges for data analytics and machine learning in the context of payments data, and share our point of view on how AI can reshape the Future of Payments by delivering unique capabilities in scenarios such as fraud detection, authentication, and recommendation systems. I will also give a high-level introduction on our research work blockchain.

**Speaker's Profile**

Dr. Min Wang joined Visa as the Senior Vice President and Head of Visa Research in May 2015. In her role, she founded and now leads Visa Research, an organization that conducts applied research on the most challenging problems in Payments and provides technical thought leadership for the future of the industry. Visa Research is focusing on three research areas: Data Analytics, Security, and Future of Commerce.

Prior to Visa, Min was a Senior Staff Research Scientist and Research Manager at Google, Director of HP Labs China where she was named a Distinguished Technologist, and held senior research roles at IBM's Thomas J. Watson Research Center. Min has published over 90 research papers in top peer-reviewed conferences and journals and received several distinguished research awards for her work on data management. In 2009, she received the ACM SIGMOD Test of Time Award. She has been serving as a board member of the Computing Research Association (CRA) since 2016.

Min received her Ph.D. in Computer Science from Duke University and B.S. and M.S. degrees with top honors, both in Computer Science, from Tsinghua University, Beijing, China.

**All are Welcome!**



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