

**Jianqing Fan** 

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Keynote Speech (II) 2025/December/17 (Wednesday) 11:10 – 12:10

Dr. Jianqing Fan is the Frederick L. Moore '18 Professor of Finance, Professor of Statistics, and Professor of Operations Research and Financial Engineering at Princeton University, where he chaired the department from 2012 to 2015. He is a statistician, financial econometrician, and data scientist who has made influential contributions to statistical machine learning, data science, and their applications in finance, economics, computational biology, and biostatistics. He has particular expertise in high-dimensional statistics, spectral methods, neural networks, reinforcement learning, and survival analysis, among others. Dr. Fan has coauthored four highly regarded books—Local Polynomial Modeling and Its Applications (1996), Nonlinear Time Series: Parametric and Nonparametric Methods (2003), Elements of Financial Econometrics (2015), and Statistical Foundations of Data Science (2020)—and authored or coauthored over 300 peer-reviewed articles in leading journals across finance, economics, statistical machine learning, and other aspects of theoretical and methodological statistics. He is currently a joint editor of the Journal of American Statistical Association (2023 -2026) and has served as co-editor(-in-chief) for many top journals, including the Annals of Statistics (2004 - 2006), Probability Theory and Related Fields (2003 -2005), Econometrical Journal (2007 - 2012), Journal of Econometrics (2012-2018), Journal of Business and Economics Statistics (2018-2021), and others. He is a past president of both the Institute of Mathematical Statistics and the International Chinese Statistical Association. Dr. Fan's outstanding achievements have been recognized by numerous honors, including the COPSS President Award (2000), Guggenheim Fellowship (2009), Pao-Lu Hsu Prize (2013), Guy Medal in Silver (2014), Noether Distinguished Scholar Award (2018), Le Cam Award and Lectures (2021), Wald Award and Lectures (2025), among others. He was elected to Academician from Academia Sinica in 2012 and Royal Flemish Academy of Belgium in 2023.