



Nanyang Technological University
DIVISION OF ECONOMICS
Seminar Series

The Division of Economics invites you to a seminar by Assistant Professor Zhenxing HUANG

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- Speaker** : **Zhenxing HUANG**
Assistant Professor
Shanghai University of Finance and Economics
- Topic** : **"Belief Updating under Ambiguity"**
- Chairperson** : **Assistant Professor Bao TE**
Division of Economics
School of Humanities & Social Sciences
- Date** : **29th April 2016 (Friday)**
- Time** : **2.30pm to 3.30pm**
- Venue** : **Meeting Room 5 (HSS-04-89)**
Nanyang Technological University
School of Humanities and Social Sciences
14, Nanyang Drive
Singapore 637332

About the Speaker:

Zhenxing Huang is an assistant professor in Shanghai University of Finance and Economics, he did his Ph.D in Erasmus University Rotterdam. His research includes behavioral economics, experimental economics and financial economics. He has published papers in the American Economic Review and Journal of Theoretical and Institutional Economics. is an assistant professor in Shanghai University of Finance and Economics, he did his Ph.D in Erasmus University Rotterdam. His research includes behavioral economics, experimental economics and financial economics. He has published papers in the American Economic Review and Journal of Theoretical and Institutional Economics.

Abstract:

Belief updating is at the heart of decision theory and statistical theory, and has been applied to economic theory and artificial intelligence. This paper examines belief updating under ambiguity from three approaches. One is the traditional Bayesian updating, where only ambiguity neutral behavior is accommodated. The other two approaches are non-Bayesian, introduced by Gilboa and Schmeidler (1993) (GS) as well as Dempster (1967) and Shafer (1976) (DS) respectively, where both ambiguity averse and ambiguity seeking behavior are accommodated. Under the framework of decision theory, this paper compares Bayesian and non-Bayesian updating in its model specification and numerical implications. Ambiguity attitudes affect not only static decisions, but also the way in which new information is incorporated. For an ambiguity averse (seeking) decision maker, GS updating leads to more pessimistic (optimistic) behavior than DS updating, and favorable or unfavorable information has bigger (smaller) impact on GS updating than on DS updating.

Reservation:

Admission is free. Please reply to h-dae@ntu.edu.sg to confirm your attendance.