

# Yongchao Zhang

111 Wuchuan Road, School of Economics  
Shanghai University of Finance and Economics  
Shanghai, China, 200433

Telephone: (86)-21-65902682  
Email: [yongchao@mail.shufe.edu.cn](mailto:yongchao@mail.shufe.edu.cn)  
Homepage: <http://zhangyongchao.weebly.com/>

---

## Current Position

Associate Professor (2012–present), Assistant Professor (2011–2012)  
Shanghai University of Finance and Economics

## Education

Ph.D. in Mathematics, National University of Singapore, 2011

M.S. (2008), B.S. (2003) in Mathematics, University of Science and Technology of China

## Research Interests

Microeconomic Theory, Mathematical Economics, Game Theory and its Applications

## Publications

Large distributional games with traits (with M. Ali Khan, Kali P. Rath and Haomiao Yu), *Economics Letters* **118** (2013), 502–505

Purification, saturation and the exact law of large numbers (with Jianwei Wang), *Economic Theory* **50** (2012), 527–545

Set-valued functions, Lebesgue extensions and saturated probability spaces (with M. Ali Khan), *Advances in Mathematics* **229**(2) (2012), 1080–1103

Individual risk and Lebesgue extension without aggregate uncertainty (with Yeneng Sun), *Journal of Economic Theory* **144** (2009), 432–443

## Working Papers

Pure-strategy Nash equilibria in nonatomic games with infinite-dimensional action spaces (with Xiang Sun), 2012

On Sufficiently Diffused Information and Finite-Player Games with Private Information (with M. Ali Khan), 2012

Aumann's notion of rationality for backward induction: a research note (with Xiao Luo), 2009

## Teaching

Mathematical Analysis I (Fall 2011, 2012, 2013), II (Spring 2012)

## Grants/ Awards

Scholarship, Hausdorff Trimester Program, Hausdorff Research Institute for Mathematics, University of Bonn

— on *Stochastic Dynamics in Economics and Finance*, 10-23 August, 2013

— on *Mechanism Design and Related Topics*, 03 May- 10 August, 2009

NSF of China for young scholars, *Saturation and its Applications in Game Theory* (No. 11201283), January 2013–December 2015

Best Graduate Researcher Award (Faculty of Science), National University of Singapore, 2008

## Conferences and Presentations

Workshop on Modeling Market Dynamics and Equilibrium - New Challenges, New Horizons, August 19 - 22, 2013, Hausdorff Research Institute for Mathematics, University of Bonn, Germany

The Asian Meeting of the Econometric Society, 2- 4 August 2013, Singapore

Annual Conference of Society for the Advancement of Economic Theory,

— 13th, 22-27 July 2013, Paris, France

— 12th, 29 June-2 July 2012, Brisbane, Australia

— 11th, 26 June-1 July 2011, Faro, Portugal

— 10th, 13-15 August 2010, Singapore

The 2012 NBER/NSF/CEME Conference in General Equilibrium and Mathematical Economics, 28-30 September, Indiana University at Bloomington, USA

The 2012 International Conference on Game Theory and Applications, 29-30 August, Qingdao, China

Workshop on the Probabilistic Impulse behind Modern Economic Theory, Institute for Mathematical Sciences, National University of Singapore, 11 - 18 January 2011

Multidisciplinary Decision Science Symposium, Nanyang Technology University, 12-13 August 2010, Singapore

The 1st conference of the Chinese Game Theory and Experimental Economics Association, 24-26 August 2010, Beijing, China

## Referee

*Econometrica*, *Economic Theory*, *Frontier of Economics in China*, *Journal of Mathematical Economics*

Last updated: October 24, 2013