

# GUOQIANG TIAN

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## BUSINESS ADDRESS

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## EDUCATION

Ph.D., Economics, University of Minnesota, 1987  
M.A., Mathematics, Huazhong University of Science and Technology, 1982  
Graduation Certificate in Mathematics, Huazhong University of Science and Technology, 1980

## DISSERTATION

Title: Nash-Implementation of Social Choice Correspondences by Complete Feasible Continuous Outcome Functions.  
Principal Advisor: Leonid Hurwicz.  
Committee Members: John S. Chipman, James Jordan, Marcel K. Richter, and Hans Weinberger.

## ACADEMIC POSITIONS

Alfred F. Chalk Professor of Economics, Texas A&M University, Department of Economics, 2013 - present.  
Professor, Texas A&M University, Department of Economics, 1995 - present.  
Adjunct Professor, Hong Kong University of Science and Technology, Department of Economics, 2005 - Present.  
Chang Jiang Professor of Economics, the School of Economics, Shanghai University of Finance and Economics– the highest rank of professorship available to a social scientist in China, 2005 - present.  
Honorary Dean, Institute for Advanced Research, Shanghai University of Finance and Economics, 2006 - present.  
Honorary Dean, School of Economics, Shanghai University of Finance and Economics, 2004 - present.  
Special-Term Professor, Tsinghua University, School of Economics and Management, China, 2002-2004.

Research Fellow, Private Enterprise Research Center, Texas A&M University, 1995-Present.  
Holder of the Lewis Faculty Fellowship in College of Liberal Arts, Texas A&M University, 1996-2002.  
Advisor, International Technology and Economy Institute, Development Research Center of the State Council, PRC, 2000 - Present.  
Executive Director, Economics Research Center, Huazhong University of Science and Technology, China, 1999 - 2004.  
Adjunct Professor, Huazhong University of Science and Technology, College of Economics, 1993 - Present.  
Adjunct Professor, Peking University, Department of Applied Economics, 1999 - Present.  
Adjunct Professor, Wuhan Institute of Economics, 1993 - Present.  
Adjunct Professor, Henan University of Agriculture, 1997 - Present.  
Adjunct Professor, Shashi University, 1999 - Present.  
Associate Professor, Texas A&M University, Department of Economics, 1991 - 1995.  
Guest Professor, Konstanz University, Department of Economics, Germany, 1991.  
Assistant Professor, Texas A&M University, Department of Economics, September 1987 - 1991.  
Teaching Associate, University of Minnesota, Department of Economics, 1986.  
Research Assistant, University of Minnesota, 1983 - 1985.  
Teaching Assistant, University of Minnesota, Department of Economics, 1983 - 1985.  
Lecturer, Huazhong University of Science and Technology, Department of Mathematics, 1982.  
Lecturer, Huazhong University of Science and Technology, Department of Mathematics, Spring 1980.

#### **MAJOR FIELDS OF CONCENTRATION:**

Economic Theory  
Mechanism Design  
Mathematical Economics  
Chinese Economy  
Economics of Transition  
Optimization Theory

#### **HONORS, PRIZES, AND AWARDS**

Annual Great Thinker — 2016 China Business Leaders, awarded by the China Business Network.  
2015 Sun Yefang Prize Winner, the highest prize honor in economic science in China, for my book, “China’s Reform: History, Logic and Future”.  
National Special-Term expert of China, 2009-present.  
Chang Jiang Scholar, the highest rank of scholarship available to a social scientist in China and awarded by the Ministry of Education of P. R. China, 2005 - present.

Listed in *Who's Who in Economics*, a biographical dictionary of over 700 most frequently cited economists throughout the world, 4th edition, edited by Mark Blaug and Howard R. Vane, Edward Elgar Publishing, 2003.

2002 Best Paper Award: "A Theory of Ownership Arrangements and Smooth Transition To A Free Market Economy," *China Economic Quarterly*, 1 (2001), 45-70 (in Chinese).

Research Fellowship, Private Enterprise Research Center, Texas A&M University, 1995-present.  
Zhu Kezhen International Lectureship Award, in recognition of my academic excellence and contribution to Zhejiang University, China, 2001.

The Lewis Faculty Fellowship Award in College of Liberal Arts, Texas A&M University, 1996-2002.

Tamkang University Lectureship Award, Tamkang University, Taiwan, 1996.

Listed in *Who's Who in the South and Southwest*, 24th edition, 1995.

1994 National Chinese Book Award, *A Series of Popular Economics Books for Institutional Transition in China*.

Elected Honorary member of Chinese Economists Society, 1993-present.

Elected Fellow of Chinese Economists Society, 1992 - present.

Nominee of Presidential Young Investigator Awards in 1989, 1990.

Alfred P. Sloan Doctoral Dissertation Fellowship, 1986 - 1987.

## **RANKS IN WORLDWIDE ECONOMISTS**(<http://homepages.ulb.ac.be/tcoupe>)

Rank: 282, Overall Ranking (the average rank on 11 publication ranking methods) of Top 1,000 Economists 1990-2000.

Rank: 504, Top 1000 Economists Based on Citations.

Rank: 115, Ranking of Top 500 Economists 1990-2000 using Bauwens' Method.

Rank: 185, Ranking of Top 500 Economists 1990-2000 by Number of Articles.

Rank: 217, Ranking of Top 500 Economists 1990-2000 Using Laband-Piette Adjusted Article Count.

Rank: 220, Ranking of Top 500 Economists 1990-2000 by Number of Pages.

Rank: 430, Ranking of Top 500 Economists 1990-2000 Using Laband-Piette Article Count.

Rank: 460, Ranking of Top 500 Economists 1990-2000 by Impact Factor.

Rank: 247, Overall Ranking of Top 500 Economists 1989-1993.

Rank: 421, Overall Ranking of Top 1,000 Economists 1994-1998.

Rank: 363, Ranking of Top 500 Economists 1994-1998 using Laband-Piette Adjusted Number of Articles.

Rank: 436, Ranking of Top 500 Economists 1994-1998 Using Bauwens' Method.

Rank: 457 Ranking of Top 500 Economists 1994-1998 Using Laband-Piette Adjusted Number of Pages.

## PROFESSIONAL ACTIVITIES

Editor:

*Frontiers of Economics in China*, 2011-present.

Co-Editor:

*Annals of Economics and Finance*, 2000-present.

Associate Editor:

*China Economic Quarterly*, 2000-present.

*Modern China Studies*, 1993-present.

*American Review of China Studies*, 2000-present.

*China Economic Review*, 1991-2004.

Chief Editor in Charge:

*A Series of Popular Economics Books for Institutional Transition in China*, 1993.

Referee for:

*American Economic Review*,

*Annals of Economics and Finance*.

*Applied Mathematics Letters*,

*Australian Research Council*,

*Canadian Journal of Economics*,

*China Economic Review*,

*China Economic Quarterly*,

*Computers & Mathematics*,

*Econometrica*,

*Economic Inquiry*,

*Economic Theory*,

*Games and Economic Behavior*

*International Economic Review*,

*International Journal of Game Theory*,

*International Review of Economics & Finance*,

*Journal of Comparative Economics*,

*Journal of Economic Environment and Management*,

*Journal of Economic Theory*,

*Journal of Mathematical Analysis and Applications*,

*Journal of Mathematical Economics*,

*Journal of Political Economy*,

*Journal of Public Economic Theory*,

*Journal of Public Economics*,

*National Science Foundation*,

*Mathematical Social Science*,

*Nonlinear Analysis*,

*Nonlinear World*,

*Proceedings of American Mathematics Society*,

*Social Sciences and Humanities Research Council of Canada*,

*Social Choice and Welfare*,

*Review of Economic Design,*  
*Review of Economic Studies,*  
*Theoretical Economics.*

President of Chinese Professors of Social Sciences in United States, 1995 - 1997.

The Chairman of the Fellow Council of Chinese Economists Society, 1992 - 1995.

President, Chinese Economists Society (an association member of ASSA), June 1991 - June 1992.

## ARTICLES PUBLISHED OR FORTHCOMING

### A. Publication in English

1. "Guaranteed Size Ratio of Ordinally Efficient and Envy-free Mechanisms in the Assignment Problem," (with Chao Huang), *Games and Economic Behavior*, forthcoming.
2. "Two-Agent Collusion-Proof Implementation with Correlation and Arbitrage," (with Dawen Meng and Zhe Yang), *Review of Economic Design*, forthcoming.
3. "Equilibria in Second-Price Auctions with Private Participation Costs," (with Xiaoyong Cao, Guofu Tan and Okan Yilankaya), *Economic Theory*, forthcoming.
4. "The Blocking Lemma and Group Strategy-Proofness in Many-to-Many Matchings," (with Zhenhua Jiao), *Games and Economic Behavior*, 102 (2017).
5. "Full Characterizations of Minimax Inequality, Fixed Point Theorem, Saddle Point Theorem, and KKM Principle in Arbitrary Topological Spaces," *Journal of Fixed Point Theory and Applications*, 19 (2017), 1679-1693.
6. "China under Uncertainty: Outlook, Counterfactual and Policy Simulations, and Reform Implementation A Summary of Annual Report (2016C2017)" (with Kevin X. D. Huang and Yibo Yang), *Frontier Economics in China*, 12(2017): 167-187.
7. "On the Existence of Nash Equilibrium in Discontinuous Games," (with Rabia Nessah) *Economic Theory*, 61 (2016), 515-540.
8. "The Blocking Lemma and Group Incentive Compatibility for Matching with Contracts," (with Zhenhua Jiao, Songqing Chen and Fei Yang), *Mathematical Social Sciences*, 82 (2016), 65-71.
9. "On the Existence of Price Equilibrium in Economies with Excess Demand Functions," *Economic Theory Bulletin*, 4 (2016), 5-16.
10. "China's Macroeconomic Outlook and Risk Assessment: Counterfactual Analysis, Policy Simulation, and Long-Term Governance C A Summary of Annual Report (2015-2016)" (with Kevin X. D. Huang), *Frontiers of Economics in China*, 11 (2016), 173-191.
11. "China's Reform: History, Logic and Future", *Frontiers of Economics in China*, 11 (2016), 210-231.

12. "On the Existence of Equilibria in Games with Arbitrary Strategy Spaces and Preferences," *Journal of Mathematical Economics*, 60 (2015), 9-16.
13. "The Stability of Many-to-Many Matching with Max-min Preferences," (with Zhenhua Jiao), *Economics Letters*, 129 (2015), 52-56.
14. "On the Existence of Strong Nash Equilibria," (with Rabia Nessah), *Journal of Mathematical Analysis and Applications*, 414 (2014) 871-885.
15. "The Nature and Avoidance of the 'Middle Income Trap'," (with Xudong Chen), *Frontiers of Economics in China*, 9 (2014), 347-369.
16. "Multi-task Incentive Contract and Performance Measurement with Multidimensional Types," (with Dawen Meng), *Games and Economic Behavior*, 77 (2013), 377-404.
17. "When Can We Do Better Than Autarky?," (with Yuzhe Zhang) *Economics Letters*, 119(3), 328-331.
18. "Second Price Auctions with Differentiated Participation Costs," (Xiaoyong Cao), *Journal of Economics & Management Strategy*, 22 (2013), 184-205.
19. "Existence of Solution of Minimax Inequalities, Equilibria in Games and Fixed Points without Convexity and Compactness Assumptions," (with Rabia Nessah), *Journal of Optimization Theory and Applications*, 157 (2013), 75-9.
20. "An Application of the Melitz Model to Chinese Firms," (with Chunren Sun and Tao Zhang), *Review of Development Economics*, 17 (2013), 494-509.
21. "On the Fundamentals of a Successful Reform for National Prosperity-An Economic Analysis Based on the Practice of China's Reform," (with Xudong Chen and Jijun Xia), *Frontiers of Economics in China*, 8 (2013), 490-515.
22. "Detrimental Externalities, Pollution Rights, and the "Coase Theorem'," (with John S. Chipman), *Economic Theory*, 49 (2012), 309-327.
23. "Reputation and Optimal Contract for Central Bankers: A Unified Approach," (with Kevin Huang), *Macroeconomic Dynamics*, 15 (2011), pp 465 - 494, a leading article.
24. "On Deep-Rooted Problems in China's Economy," *Frontiers of Economics in China*, 6 (2011), 345C358.
25. "First Price Auctions with Participation Costs," (with Xiaoyong Cao), *Games and Economic Behavior*, 69 (2010), 258-273.
26. "Implementation of Marginal Cost Pricing Equilibrium Allocations with Transfers in Economies with Increasing Returns to Scale," *Review of Economic Design*, 14 (2010), 163-184.
27. "Implementation in Economies with Non-Convex Production Technologies Unknown to the Designer" *Games and Economic Behavior*, 66 (2009), 526-545.

28. "A Reputation Strategic Model of Monetary Policy in Continuous Time," (with Jingyuan Li and Yongming Liu) *Journal of Macroeconomics*, 31 (2009), 523-533.
29. "Theory of Negative Consumption Externalities with Applications to Economics of Happiness," *Economic Theory*, 39 (2009), 399-424.
30. "Implementation of Pareto Efficient Allocations," *Journal of Mathematical Economics*, 45 (2009), 113-123.
31. "Time Inconsistency and Reputation in Monetary Policy: A Strategic Model in Continuous Time," (with Jingyuan Li), *Acta Mathematica Scientia*, 28B(3) (2008):697C710.
32. "The Unique Informational Efficiency of the Competitive Mechanism In Economies with Production," *Social Choice and Welfare*, 26 (2006), 155-182.
33. "Implementation in Production Economies with Increasing Returns," *Mathematical Social Sciences*, 49 (2005), 309-325.
34. "A Unique Informationally Efficient Allocation Mechanism in Economies with Consumption Externalities," *International Economic Review*, 45 (2004), 79-111.
35. "A Solution to the Problem of Consumption Externalities," *Journal of Mathematical Economics*, 39 (2003), 831-847, a leading article.
36. "Economic Globalization, Marketization Reform and Economic Development in China, (with Y. Yuan and X. Zhou), *American Review of China Studies*, 3 (2002), 1-16.
37. "A Theory of Ownership Arrangements and Smooth Transition To A Free Market Economy," *Journal of Institutional and Theoretical Economics*, 157 (2001), 380-412.
38. "Incentive Mechanism Design for Production Economies with Both Private and Public Ownership," *Games and Economic Behavior*, 33 (2000), 294-320.
39. "Implementation of Balanced Linear Cost Share Equilibrium Solution in Nash and Strong Nash Equilibria," *Journal of Public Economics*, 76 (2000), 239-261.
40. "Double Implementation of Lindahl Allocations by a Continuous and Feasible Mechanism," *Social Choice and Welfare*, 17 (2000), 125-141.
41. "Double Implementation of Linear Cost Share Equilibrium Allocations," *Mathematical Social Sciences*, 40 (2000), 175-189.
42. "Feasible and Continuous Double Implementation of Constrained Walrasian Allocations," *Annals of Economics and Finance*, 1 (2000), 19-32.
43. "Property Rights and the Nature of Chinese Collective Enterprises," *Journal of Comparative Economics*, 28 (2000), 247-268.
44. "China's Reforms: Past, Present, and Future," *American Review of China Studies*, 1 (2000), 1-8.

45. "Double Implementation in Economies with Production Technologies Unknown to the Designer," *Economic Theory*, 13 (1999), 689-707.
46. "Bayesian Implementation in Exchange Economies with State Dependent Preferences and Feasible Sets," *Social Choice and Welfare*, 16 (1999), 99-119.
47. "A Characterization of Optimal Dominant Strategy Mechanisms," (with Liqun Liu) *Review of Economic Design*, 4 (1999), 205-218.
48. "What Kind of Privatization?," *Dilemmas of Reform in Jiang Zemin's China*, ed by A. Nathan, Z. Hong, and S. Smith, Renner Publishers, 1999, 114-134.
49. "Virtual Implementation in Incomplete Information Environments with General Sets of Alternatives and Types," *Journal of Mathematical Economics*, 28 (1997), 313-339.
50. "Continuous and Feasible Implementation of Rational Expectation Lindahl Allocations," *Games and Economic Behavior*, 16 (1996), 135-151.
51. "On the Existence of Optimal Truth-Dominant Mechanisms," *Economics Letters*, 53 (1996), 17-24.
52. "State-Owned Enterprise Reform and Smooth Institutional Transition in China – A Three-Stage Economic Reform Method," *The Reformability of China's State Sector*, ed by G. J. Wen and D. Xu, World Scientific, 1996, 220-240.pdf.
53. "China's Economic Reform and Smooth Institutional Transition," In *Search of A Chinese Road Towards Modernization*, ed by J. Hu, Z. Hong, and E. Stavrou, The Edwin Mellen Press (Lewiston/Queenston/Lampeter), 1996, 22-46.
54. "Nash Implementation of the Lindahl Correspondence with Decreasing Returns to Scale Technology," (with Qi Li and S. Nakamura), *International Economic Review*, 36 (1995), 37-52.
55. "On Nash-Implementation in the Presence of Withholding," (with Qi Li), *Games and Economic Behavior*, 9 (1995), 222-233.
56. "Ratio-Lindahl Equilibria and an Informationally Efficient and Implementable Mixed-Ownership System," (with Qi Li), *Journal of Economic Behavior and Organization*, 26 (1995), 391-411.
57. "Transfer Continuities, Generalizations of the Weierstrass Theorem and Maximum Theorem—A Full Characterization," (with J. Zhou), *Journal of Mathematical Economics*, 24 (1995), 281-303.
58. "Implementation of Linear Cost Share Equilibrium Allocations," *Journal of Economic Theory*, 64 (1994), 568-584.
59. "An Implementable and Informationally Efficient State-Ownership System with Variable Returns," (with Qi Li), *Journal of Economic Theory*, 64 (1994), 286-297.
60. "On Informational Efficiency and Incentive Aspects of Generalized Ratio Equilibria," *Journal of Mathematical Economics*, 23 (1994), 323-337.



61. "Ratio-Lindahl and Ratio Equilibria with Many Goods," (with Qi Li), *Games and Economic Behavior*, 7 (1994), 441-460.
62. "Generalized KKM Theorem and Minimax Inequalities and Their Applications," *Journal of Optimization Theory and Applications*, 83 (1994), 375-389.
63. "Necessary and Sufficient Conditions for Maximization of a Class of Preference Relations," *Review of Economic Studies*, 60 (1993), 949-958.
64. "Characterizations of the Existence of Equilibria in Games with Discontinuous and Nonquasi-concave Payoffs," (with Michael R. Baye and Jianxin Zhou), *Review of Economic Studies*, 60 (1993), 935-948.
65. "Generalized Quasi-Variational-Like Inequality Problem," *Mathematics of Operations Research*, 18 (1993), 752-764.
66. "Minimax Inequality Equivalent to the Fan-Knaster-Kuratowski-Mazurkiewicz Theorem," (with J. Lin), *Applied Mathematics and Optimization*, 28 (1993), 173-179.
67. "Closed-Form Solution of General Intertemporal Consumption Maximization Models," (with John S. Chipman), *Mathematical Modeling in Economics*, eds. by W. Erwin Diewert, Klaus Spremann, and Frank Stehling, Springer, 1993, 95-109.
68. "Implementing Lindahl Allocations by a Withholding Mechanism," *Journal of Mathematical Economics*, 22 (1993), 169-179.
69. "Implementation of the Walrasian Correspondence without Continuous, Convex, and Ordered Preferences," *Social Choice and Welfare*, 9 (1992), pp. 117-130.
70. "Generalizations of the FKKM Theorem and Ky-Fan Minimax Inequality, with Applications to Maximal Elements, Price Equilibrium, and Complementarity," *Journal of Mathematical Analysis and Applications*, 170 (1992), pp. 457-471.
71. "Quasi-Variational Inequalities without Concavity Assumptions," (with J. Zhou), *Journal of Mathematical Analysis and Applications*, 172 (1993), 289-299.
72. "A General-Equilibrium Intertemporal Model of an Open Economy," (with John S. Chipman), *Economic Theory*, 2 (1992), pp. 215-246.
73. "Existence of Equilibrium in Abstract Economies with Discontinuous Payoffs and Non-Compact Choice Spaces," *Journal of Mathematical Economics*, 21 (1992), pp. 379-388.
74. "Transfer Method for Characterizing the Existence of Maximal Elements of Binary Relations on Compact or Noncompact Sets," (with Jianxin Zhou), *SIAM Journal on Optimization*, 2 (1992), pp. 360-375.
75. "On the Existence of Equilibria in Generalized Games," *International Journal of Game Theory*, 20 (1992), pp.247-254.

76. "The Maximum Theorem and the Existence of Nash Equilibrium of (Generalized) Games without Lower Semicontinuity," (with J. Zhou), *Journal of Mathematical Analysis and Applications*, 166 (1992), pp. 351-364.
77. "Estimating Price Responses of German Imports and Exports," (with John S. Chipman, Angelika Eymann, and Gerd Ronning), in *European Integration in the World Economy*, ed. by Hans-Jurgen Vosgerau, Springer-Verlag, 1992, pp. 574-637.
78. "Fixed Points Theorems for Mappings with Non-Compact and Non-Convex Domains," *Journal of Mathematical Analysis and Applications*, 158 (1991), pp. 161-167.
79. "Quasi-Variational Inequalities with Non-Compact Sets," (with J. Zhou), *Journal of Mathematical Analysis and Applications*, 160 (1991), pp. 583-595.
80. "Implementation of Lindahl Allocations with Nontotal- Nontransitive Preferences," *Journal of Public Economics*, 46 (1991), pp. 247-259.
81. "Completely Feasible and Continuous Implementation of the Lindahl Correspondence with Any Number of Goods," (With Qi Li), *Mathematical Social Sciences*, 21 (1991), pp. 67-79.
82. "Completely Feasible and Continuous Implementation of the Lindahl Correspondence with a Message Space of Minimal Dimension," *Journal of Economic Theory*, 51 (1990), pp. 443-452.
83. "Equilibrium in Abstract Economies with a Non-Compact Infinite Dimensional Strategy Space, an Infinite Number of Agents and without Order Preferences," *Economics Letters*, 33 (1990), pp. 203-206.
84. "Implementation of the Lindahl Correspondence by a Single- Valued, Feasible and Continuous Mechanism," *Review of Economic Studies*, 56 (1989), pp. 613-621.
85. "Stochastic Specification and Maximum Likelihood Estimation of the Linear Expenditure System," (with John S. Chipman), in *Advances in Econometrics and Modeling*, ed. by Baldev Raj, Advanced Studies in Theoretical and Applied Econometrics Vol. 15 (1989), pp. 131-142.
86. "A Class of Dynamic Demand Systems," (with John S. Chipman), in *Advances in Econometrics and Modeling*, ed. by Baldev Raj, Advanced Studies in Theoretical and Applied Econometrics Vol. 15 (1989), pp. 93-116.
87. "On the Constrained Walrasian and Lindahl Correspondences," *Economics Letters*, 26 (1988), pp. 299-303.
88. "Studies on the Identification Problem of the Simultaneous Economic Models From View Point of Unique Determination of Parameters (III)," *Science Exploration*, Vol. 4, No. 2 (1984).
89. "Studies on the Identification Problem of the Simultaneous Economic Models From Viewpoint of Unique Determination of Parameters (II)," *Science Exploration*, Vol. 4, No. 1 (1984), pp. 89-98.

90. "Studies on the Identification Problem of the Simultaneous Economic Models From Viewpoint of Unique Determination of Parameters (I)," *Science Exploration*, Vol. 3, No. 3 (1983), pp. 13-24.
91. "The Identification of the Simultaneous Economic Models From Unique Determination of Parameters," *Journal of Huazhong University of Science and Technology*, Vol. 3, No. 3 (1983).
92. "Matrixes Satisfying Siljak's Conjecture," *Science Exploration*, Vol. 2, No. 1 (1982), pp. 69-76.

## B. Publication in Chinese

93. "Double First-class' Construction and China's Contribution to Economics Development," *Journal of Finance and Economics*, 10 (2016), 35-49.
94. "Nature of Modern Economics (II)," *Academic Monthly*, 8 (2016), 5-15.
95. "Nature of Modern Economics (I)," *Academic Monthly*, 7 (2016), 5-19.
96. "Sima Qian's Economic Thought of Governance by Convention and Its Contemporary Significance," (with Xudong Chen), *Journal of Finance and Economics*, 7 (2016), 63-74.
97. "The Emphasis and Difficulties of the Supply-side Structural Reform," *Frontiers*, 14 (2016), 22-32.
98. "Interpreting the Slowdown in China's Economic Growth without Undue Anxiety," *People's Tribune*, 21 (2016), 80-82.
99. "China's Reform-History, Logic and Future," (with Xudong Chen), *Study Monthly*, 5 (2016), 56.
100. "Market-oriented Interest Rate, Deposit Insurance System and Bank Runs," (with Yupu Zhao and Rukai Gong), *Economic Research Journal*, 3 (2016), 96-109. (the best Chinese economics journal).
101. "Addressing the Dilemma of Transition and Growth through Market-oriented Reform," *People's Tribune*, 5 (2016), 88-90.
102. "New Normal of Economy and Innovation of Economics - In Commemoration of the 60th Anniversary of Economic Research Journal: Development Direction and Innovation Path of Economics in China," *Economic Research Journal*, 12 (2015), 13-16. (the best Chinese economics journal).
103. "The Transformation of the Driving Force for Development and the Construction of Institutional Governance at the New Stage of China's Economic Development," (with Xudong Chen), *Journal of the Party School of the Central Committee of the C.P.C.*, 5 (2015), 71-81.

104. "China's Economic Development Potential Lies in Deepening Market-oriented Reform," (with Xudong Chen), *People's Tribune*, 26 (2015), 20-21, 256.
105. "Building First-class Faculty Team by Innovating the Personnel System - An Exploration on the Tenure-track System by Shanghai University of Finance and Economics (2004-2014)," (with Xudong Chen and Yanhui Liu), *Higher Education Review*, 1 (2015), 45-56.
106. "How Can China Avoid the 'Middle Income Trap' - A Perspective from Institutional Transition and State Governance," (with Xudong Chen), *Academic Monthly*, 5 (2015), 18-27.
107. "The Breakthrough Points for Reconstructing Government and Business Relation in the New Period," (with Xudong Chen), *People's Tribune*, 5 (2015), 19-21.
108. "On the Proper Range within Which Chinese Economy Should Operate - How to Strike a Balance between Development and Governance," *People's Tribune: Frontiers*, 3 (2015), 56-83.
109. "Internet Financial Innovation and Transition of China's Economic Development Driving Force," *Exploration and Free Views*, 12 (2014), 17-19.
110. "On the Reconstruction and Improvement of Effective Systems and Mechanisms - Modernization of State Governance from the Perspective of Mechanism Design," *People's Tribune*, 26 (2014), 17-21.
111. "Government Spending Multiplier," (with Guojing Wang), *Economic Research Journal*, 9 (2014), 4-19. (leading article, the best Chinese economics journal).
112. "On China's Four Great Socio-Economic Changes in Modern Times-Reflections on SOE Reform," (with Xudong Chen), *Exploration and Free Views*, 6 (2014), 62-66.
113. "Financial Shocks and Chinese Business Cycles," (with Guojing Wang), *Economic Research Journal*, 3 (2014), 20-34. (the best Chinese economics journal).
114. "China's Political System Reform from the Perspective of Modern State Governance—Where Is It from and Where to Go," (with Xudong Chen), *Academic Monthly*, 3 (2014), 76-84.
115. "On Four Transitions in Deepening Reform in China," (with Xudong Chen), *Social Sciences in Chinese Higher Education Institutions*, 2 (2014), 95-101.
116. "Rule of Law: The Important Cornerstone of Modern Governance System," *People's Tribune: Frontiers*, 23 (2013), 26-35.
117. "On Economic Inherent Logic of Prospering the Nation through Enriching Its People," (with Jijun Xia and Xudong Chen), *Academic Monthly*, 11 (2013), 65-74.
118. "A Series of Essays on Deepening Reform and Opening-up and Keeping Continuous and Healthy Economic Development (II)," (with Yining Li et al.), *Economic Research Journal*, 3 (2013), 4-18. (the best Chinese economics journal).

119. "Middle-Income Trap' and Reconstruction of National Public Governance Mode," *People's Tribune*, 8 (2013), 14-15.
120. "Productivity Heterogeneity, Minimum Wage and Firms' Exports in China," (with Churen Sun and Tao Zhang), *Economic Research Journal*, 2 (2013), 42-54. (the best Chinese economics journal).
121. "China's Reform: Future Path and Breakthrough Points," *Comparative Studies*, 1 (2013), 53-72.
122. "Estimation of the Wealth Gap between the Rich and the Poor in China: Based on the Pareto Principle of Wealth Distribution," (with Churen Sun), *World Economic Papers*, 6 (2012), 1-27.
123. "Essential Characteristics and Practical Problems of China's Economic Transition," *People's Tribune*, 35 (2012), 6-9.
124. "Long-term, Flexible and Large-scale Introduction of Overseas High-end Talents," *International Talent*, 10 (2012), 42-44.
125. "A Limited Government Is a Prerequisite for an Efficient Market," *Theory Study*, 8 (2012), 54-55.
126. "China's Reform and Transformation of Government Functions in the Changing Global Landscape," *Academic Monthly*, 6 (2012), 60-70.
127. "China's Reform at Next Stage and Transformation of Government Functions," *People's Tribune: Frontiers*, 3 (2012), 34-47.
128. "Some Thoughts on Deep-Rooted Problems in China's Economy," *Academic Monthly*, 3 (2011), 59-64.
129. "A Scientific Understanding of Modern Economics," *Journal of Shanghai University of Finance and Economics*, 2 (2011), 41-46.
130. "Regulation on Property Tax Reform and Establishment of Long-effect Mechanism," *Reform*, 2 (2011), 136-138.
131. "Getting out of China Model and Adhering to Market-oriented Reform - Two Fundamental Transformations of Government Functions Crucial to China's Reform at Next Stage," (with Jijun Xia and Xudong Chen), *Comparative Studies*, 5 (2010), 1-16.
132. "How Can the Chinese Economy Get out of the 'Dilemma'," *Shi Shi Bao Gao (Current Report)*, 10 (2010), 90-91.
133. "Comprehensively Resolve the Real-estate Crisis Situation with the Method of Institutional Construction," *Scientific Development*, 7 (2010), 81-85.
134. "Foreword: From A Wealthy Country to Wealthy People C A Transition from Development-oriented Government to Public Service-oriented Government," *The Wealth of People*, Yijiang Wang, China CITIC Press, 2010.

135. "Nonlinear Pricing with Arbitrage: On the Role of Correlation," (with Dawen Meng), *China Economic Quarterly*, 3 (2010), 909-940.
136. "Nonlinear Pricing with Network Externalities and Countervailing Incentives," (with Dawen Meng), *China Economic Quarterly*, 2 (2009), 635-658.
137. "Income Inequality, Urbanization and Economic Growth: A Demand-side Analysis," (with Ling Shen), *Economic Research Journal*, 1 (2009), 17-29. (the best Chinese economics journal).
138. "Review of the Past 30 Years of Reform and Opening-up in China and Expectations for the Future: From Restoring Order and Establishing Market Economy System to Building a Harmonious Society - The Key to Efficiency, Equity and Harmonious Development Is the Reasonable Definition of Boundary between Government and Market," *Contemporary Finance & Economics*, 12 (2008), 5-14. (Excellent Paper of the "30 Years of Reform, Opening-up and Development in China" Call for Papers organized by the *Wenhui Daily*, *Jiefang Daily* and Shanghai Academy of Management Science, July 2008).
139. "Limited Corruption in Sealed-Bid Auctions," (with Chunhui Liu), *Economic Research Journal*, 3 (2008), 116-127. (the best Chinese economics journal).
140. "The Construction of Harmonious Society and the Establishment of A Modern Market Economic System: Efficiency, Equity, and Institutions," *Economic Research Journal*, 3 (2007), 130-141. (the best Chinese economics journal)
141. "A Solution to the Happiness-Income Puzzle: Theory and Evidence," with Liyan Yang, *Economic Research Journal*, 11 (2006), 4-15. (the best Chinese economics journal), a leading article.
142. "The Basic Analytical Framework and Methodologies in Modern Economics," *Economic Research Journal*, 2 (2005), 113-125. (the best Chinese economics journal)
143. "Resolving Non-Perform Assets, Joint-Stock Reconstruction and the Strategy of Introducing Foreign Capital," (with Yijiang Wang) *Economic Research Journal*, 11 (2004). (the best Chinese economics journal)
144. "Foreign Banks and Joint-Stock Reforms in China's State-Owned Commercial Banks," (with Yijiang Wang) *Economics Dynamics*, 11 (2004), 45-48.
145. "Chinese Bank Sector: Dilemma of Reforms and Role of Foreign Banks," (with Yijiang Wang) *Comparative Studies*, 10 (2003), 157-176.
146. "Economic Mechanism Theory: Informational Efficiency and Incentive Mechanism Design," *China Economic Quarterly*, 2 (2003), 271-308.
147. "Perspective of Development of China's Privately-Owned Enterprises?," (with Wei Cui) *Studies in International Technology and Economy*, (2003), 157-176

148. "Informational Efficiency and Incentive Mechanism Design," *Advances in Economics and Finances*, Ed. by G. Tian, the Commercial Press, Beijing, China, 2002.
149. "Globalization and Marketization Reform in China," (with Xiaojuan Zhou), *WTO and China: Development through Economic Globalization*, Eds. by J. Wen, H. Hai, X. Wang, and X. Zuo, Renmin University Press, 67-81, 2001.
150. "A Theory of Ownership Arrangements and Smooth Transition To A Free Market Economy," *China Economic Quarterly*, 1 (2001), 45-70.)
151. "Dilemmas, Causalities, and Solution to China's Economic Depression" in the Proceedings of Symposium on the 21st Century China and the Challenge of Sustainable Development, China's Youth Press, 2000, pp. 139-149.
152. "Why Did Not China's Macroeconomic Policies Reach their Expected Objectives?," *Guo Ji Jing Ji Ping Ren (International Economic Review)*, 24 (1999), (in Chinese).
153. "Comparative Studies of Pension Systems and China's Options," *Social Security Reform in China*, ed. By D. Xu, Z. Yin, and Y. Zheng, Economic Science Press, 1999, pp. 103-117.
154. "Stock-Sharing Reforms of State-Owned Enterprises and Smooth Institutional Transition in China," *The Trend of China's Political and Economic Reforms at the Turn of the Century*, ed by X. Cheng, Modern China Publishers, Princeton, 1999, 272-285.
155. "On the Main Patterns of Pension Systems in the World," *Economic Research Journal*, Supplement 8 (1998), 25-27. (the best Chinese economics journal)
156. "On State-Owned Enterprises Reform in China," *Modern China Studies*, 61 (1998), 73-86.
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158. "On the Pattern and Steps of China's SOE Reform and Smooth Transition of Economic System," *Reform of State Owned Enterprises in China*, ed by D. Xu and G. J. Wen, China Economic Publishing House, 1996, 123-151.
159. "Property Ownership Theory for a Transitional Economy and Smooth Switch of Economic System," *Modern China Studies*, 54 (1996), 64-87.
160. "A Response to Zhiyuan Cui's Article on American Corporation Law Reform," *Modern China Studies*, 5 (1996), 95-106
161. "Economic Mechanism Design and Information Economics in *Modern Economics and China's Economic Reform*, ed. by G. Yi, Shanghai People Press, 1995, 313-358.
162. "On Central-Local Relationship and Decentralized Decision-Making in China's Economic Transition," *Modern China Studies*, 46 (1995), 60-83.

163. "The Property Right Structure of Chinese Township-Village Enterprises and Its Reform," in *Chinese Township-Village Enterprises: Experience, Nature, and Reforms*, eds. by Y. Wang and W. Hai, China Industry and Commerce Associated Press, 1995.
164. "Comparison of Privatization in Russia and China's Economic Reform," in *Russian Economy in Transition*, ed. by Wen Hai, China Industry and Commerce Associated Press, 1995.
165. "Property Rights Structure and Reform on China's Rural and Township Enterprises" *Economic Research Journal*, 323 (March, 1995), 35-39.
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167. "The Perspectives and Problems of China's Economic Reform," *Modern China Studies*, 40 (1994), 09-23 .
168. "Privatization of Government-Run Enterprises in Taiwan and the Ownership Reform in Mainland," in *Taiwan Experiences and the Economic Reform in China*, ed. by G. Yi and X. Xu, 1994, 67-83.
169. "Incentive, Information, and the Theory of Economic Mechanism Design," *The Frontiers of Modern Economics*, Vol. I, eds by M. Tang and Y. Mao, The Commercial Press, Beijing, 1989, 31-60.
170. "Look at Relation of Identification and Multicollinearity From Viewpoint of Unique Determination of Parameters," *Quantitative & Technical Economics*, Chinese Academy Social Science, No. 4 (1983), pp. 50-54.
171. "The Identification of the Simultaneous Economic Models From Viewpoint of Unique Determination of Parameters," *Journal of Huazhong University of Science and Technology*, Vol. 10, No. 2 (1982), pp.7-12.

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1. "Advanced Microeconomics," China Renmin University Press, 2016 (in Chinese).
2. "China's Reform: History, Logic and Future," (with Xudong Chen), China CITIC Press, 2014 (2015 Sun Yefang Prize Winner, the highest prize honor in economic science in China), reprinted in 2016 (in Chinese).
3. "China's Education Reform: Philosophy, Strategy and Practice," ed. by Guoqiang Tian, Economic Science Press, 2014 (in Chinese).
4. "Incentive-Compatibility, Informational Efficiency, and Economic Mechanism Design," in *Advanced Studies in Economics and Finance*, ed. by Heng-fu Zou, Peking University Press, 2000.



5. "Characterizations of Fixed Point Theorems, Optimization, and General Equilibria," in *Advanced Studies in Economics and Finance*, ed. by Heng-fu Zou, Peking University Press, 2000.
6. "Market Economics for the Masses," (with Fan Zhang), in *A Series of Popular Economics Books for Institutional Transition in China* Vol. 1, Ed. by G. Tian, Shanghai People's Publishing House and Hong Kong's Intelligent Book Ltd, 1993 (in Chinese).

#### **VOLUME EDITED**

1. "Advances in Economics and Finances," (contributors include: James Heckman, Daniel McFadden, Jean-Jacques Laffont, Shoyong Shi, Guofu Tan, Chunrong Ai, Xiaokai Yang, etc), Ed. by G. Tian, the Commercial Press, Beijing, China, 2002.

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1. "Market Economics for the Masses," (with Fan Zhang), in *A Series of Popular Economics Books for Institutional Transition in China* Vol. 1, Ed. by G. Tian, Shanghai People's Publishing House and Hong Kong's Intelligent Book Ltd, 1993 (in Chinese).
2. "Introduction to Macroeconomics," by M. Ouyang, in *A Series of Popular Economics Books for Institutional Transition in China* Vol. 2, Shanghai People's Publishing House and Hong Kong's Intelligent Book Ltd, 1993 (in Chinese).
3. "Structure and Evolution of Modern Industrial Enterprises," by Z. Shi, in *A Series of Popular Economics Books for Institutional Transition in China* Vol. 3, Shanghai People's Publishing House and Hong Kong's Intelligent Book Ltd, 1993 (in Chinese).
4. "Modern Family Economics," by J. Xiao, in *A Series of Popular Economics Books for Institutional Transition in China* Vol. 4, Shanghai People's Publishing House and Hong Kong's Intelligent Book Ltd, 1993 (in Chinese).
5. "Introduction to Money and Banking," by G. Yi and D. Bei, in *A Series of Popular Economics Books for Institutional Transition in China* Vol. 5, Shanghai People's Publishing House and Hong Kong's Intelligent Book Ltd, 1993 (in Chinese).
6. "Introduction of Financial Security and Future Markets," by H. Yang and Y. Wang, in *A Series of Popular Economics Books for Institutional Transition in China* Vol. 6, Shanghai People's Publishing House and Hong Kong's Intelligent Book Ltd, 1993 (in Chinese).
7. "International Trade: Theory, Policy, and Empirical Issues," by W. Hai, in *A Series of Popular Economics Books for Institutional Transition in China* Vol. 7, Shanghai People's Publishing House and Hong Kong's Intelligent Book Ltd, 1993 (in Chinese).
8. "International Technological Transfer and Price Negotiation," by Z. Yin, in *A Series of Popular Economics Books for Institutional Transition in China* Vol. 8, Shanghai People's Publishing House and Hong Kong's Intelligent Book Ltd, 1993 (in Chinese).

9. "The Modern Theory of Foreign Currency and its Applications," by K. Bi, in *A Series of Popular Economics Books for Institutional Transition in China* Vol. 9, Shanghai People's Publishing House and Hong Kong's Intelligent Book Ltd, 1993 (in Chinese).
10. "Foreign Direct Investment," by Q. Yang and X. Duan, in *A Series of Popular Economics Books for Institutional Transition in China* Vol. 10, Shanghai People's Publishing House and Hong Kong's Intelligent Book Ltd, 1993 (in Chinese).
11. "Visible Hands: The Role of Government in Market Economy," by D. Lu, in *A Series of Popular Economics Books for Institutional Transition in China* Vol. 11, Shanghai People's Publishing House and Hong Kong's Intelligent Book Ltd, 1993 (in Chinese).
12. "Introduction to Economics of Public Choice," by X. Wang and N. Qian, in *A Series of Popular Economics Books for Institutional Transition in China* Vol. 12, Shanghai People's Publishing House and Hong Kong's Intelligent Book Ltd, 1993 (in Chinese).
13. "Elementary Economic Statistics and Econometrics," S. K. Lin and C. Li, in *A Series of Popular Economics Books for Institutional Transition in China* Vol. 13, Shanghai People's Publishing House and Hong Kong's Intelligent Book Ltd, 1993 (in Chinese).
14. "Economics in Daily Life — Observations of the American society," by Y. Mao, in *A Series of Popular Economics Books for Institutional Transition in China* Vol. 14, Shanghai People's Publishing House and Hong Kong's Intelligent Book Ltd, 1993 (in Chinese).

## WORKING PAPERS

1. "Relativity, Inequality, and Optimal Nonlinear Income Taxation in an Open Economy," (with Darong Dai and Wenzheng Gao), April, 2017/revised August, 2017.
2. "Priority-Based Affirmative Action in School Choice," (with Zhenhua Jiao), October, 2016/revised July, 2017.
3. "On Risk Compensation to Prudent Decision Maker," (with Yougong Tian), January, 2016/revised December, 2016.
4. "On Ratifiability of Efficient Cartel Mechanism in First-Price Auctions with Participation Costs and Information Leakage," (with Shao-Chieh Hsueh and Xiaoyong Cao), January, 2013/revised July, 2017.
5. "Characterizing Higher-Order Risk More Risk Aversion by Comparison of Risk Compensation," (with Yougong Tian), August, 2016/revised November, 2016.
6. "A Theory of Wage-Setting Mechanisms with Human Capital Investment," (with Darong Dai), March, 2016/revised February, 2017.
7. "Toward Longer Investment: Authority vs. Inclusive Governance," (with Darong Dai), September, 2015/revised February, 2017.

8. "Efficiency and Respecting Improvements in College Admissions," (with Zhenhua Jiao), December, 2014/ revised July, 2017.
9. "Toward Cooperative Capitalism, (with Darong Dai and Wenzheng Gao) ", March, 2014/ revised August, 2015.
10. "Matching with Couples: Semi-Stability and Algorithm," (with Zhisun Jiang), November, 2013/ revised November, 2014.
11. "Entry-Detering Nonlinear Pricing with Bounded Rationality," , (with Dawen Meng), August, 2013/ revised May, 2014.
12. "How are Income and Non-Income Factors Different in Promoting Happiness? An Answer to the Easterlin Paradox.", June, 2008/ revised July, 2014.
13. "A Unique Informationally Efficient Allocation Mechanism in Economies with Public Goods," November, 2004/ revised July, 2014.
14. "On the Informational Requirements of Decentralized Pareto-Satisfactory Mechanisms in Economies with Increasing Returns," March, 2005/ revised July, 2014.
15. "Vickrey Auctions with Sequential and Costly (with Mingjuan Xiao), November, 2010/ revised July, 2012.
16. "Minimum Wage and Export: Evidence from Chinese Firm-level Data," (with Churen Sun), 2011.
17. "Firms' Organizational Modes with Demand Uncertainty and Production Capacity," (with Churen Sun) 2011.
18. "When Pareto Meets Melitz?," (with Churen Sun) 2011.
19. "Price and Advertising Signals of Product Quality with Minimum Demand," (with Dawen Meng) , 2011.
20. "Endogenous Information Acquisition on Opponents' Valuations in Multidimensional Sealed-Bid Auctions", 2009.
21. "Reciprocal Cooperation and Berge Equilibrium," (Rabia Nessah Tarik Tazdait), 2009.
22. "Equilibria in Second Price Auctions with Information Acquisition," (with Shengyu Li), 2008.
23. "Nonlinear Pricing with Arbitrage: On the Role of Correlation," (with Dawen Meng), 2009.
24. "On the Informational Requirements of Decentralized Pareto-Satisfactory Mechanisms in Economies with Increasing Returns," 2004, <http://econ.tamu.edu/tian/mechl35.pdf>.
25. "Unique Escape Clause for Monetary Policy," (with J. Li), 2003.
26. "Implementation of Walrasian Allocations in Economies with Infinite-Dimensional Commodity Spaces," 2002: <http://econ.tamu.edu/tian/mechl30.pdf>.

27. "On the Existence of Mixed-Strategy Nash Equilibrium in Discontinuous Games," 1994.
28. "An Incentive-Compatible Mechanism Yielding Pareto Efficient and Strictly Equitable Allocations," 1993.
29. "A Non-Neoclassical General Equilibrium Model of Mixed-Ownership," 1993.
30. "Optimal Limits to Growth with Exhaustible Resources and Diminishing Returns to Population Size," (C. Li and G. Lozada), 1993.
31. "On the Transfer Topological Conditions, Their Properties and Applications to Some Fundamental Theorems in Mathematics," (with J. Zhou), 1992.
32. "On the Distribution and Maximum Likelihood Estimation of the Linear Expenditure System," (with John S. Chipman and Gerd Ronning), 1991.
33. "Generalized Maximum Likelihood Estimation of the Linear Expenditure System with Log-normal Distribution," (with John S. Chipman), 1990.
34. "Generalizations of the Fan-Knaster-Kuratowski-Mazurkiewicz Theorem and the Ky-Fan Minimax Inequality," 1989.

#### **PRESENTATIONS AT PROFESSIONAL MEETINGS AND CONFERENCES**

- "Observation and Reflection on the Development of China's Real Economy," Keynote Speech at the 2017 China's Economic Growth and Cycle Summit Forum, June 2017, Beijing, China.
- "Current Political and Economic Changes and Global Resource Allocation," Keynote Speech at the 2017 BRIC Forum, June 2017, Chongqing, China.
- "China's Reform Should Return to the Logic of Economics," Keynote Speech at the 2017 CES Presidential Forum, June 2017, Nanjing, China.
- "Governance: From Reflection to Development," Keynote Speech at the 3rd Great Minds Forum, May 2017, Shanghai, China.
- "China's Reform Should Return to the Logic of Economics," Keynote Speech at the High-end Forum of Nobel Laureates and Chinese Economists, May 2017, Dalian, China.
- "The Great Achievements of Decentralization and Deregulation in China's Reform," Keynote Speech at the 2nd Great Minds China Forum, December 2016, Beijing, China.
- "Significance of Mechanism Design Theory in China's Reform, Development and Governance," Keynote Speech at the 16th China Economics Annual Conference, December 2016, Wuhan, China.
- "Three Important Issues in China's Reform and Transition," Keynote Speech at the 2nd Macro Conference, October 2016, Beijing, China.

- “The Emphasis and Difficulties of the Supply-side Structural Reform: Establishing an Efficient Market and a Service-oriented Limited Government,” Keynote Speech at the 2016 China’s Economic Growth and Cycle Summit Forum, July 2016, Beijing, China.
- “China’s Education Reform and Innovation,” Keynote Speech at the Summit Forum on the “Promotion of Educational Equality by Supply-side Reform”, May 2016, Shanghai, China.
- “13th Five-Year Plan’ on the Chinese Economy - How to Promote Economic Growth and Implement Development & Three Issues to be Addressed in China’s Economics Education,” Keynote Speech at the 1st Xinghai Forum by Dongbei University of Finance and Economics, December 2015, Dalian, China.
- “China’s Economic Reform,” Invited Speech at the 13th Reform Forum, December 2015, Dalian, China.
- “Deepening Institutional Reforms to Solve the Dilemma of Growth and Transition,” The 6th Caixin Summit, November 2015, Beijing, China.
- “Introduction to the Book ‘China’s Reform: History, Logic and Future’,” Keynote Speech at the 16th Sun Yefang Award Ceremony hosted by Zhejiang University of Finance and Economics, November 2015, China.
- “Current Serious Economic Situation and Irreplaceable Modern Market System in China,” Invited Speech at the 2015 International Summit Forum on China’s Economic Growth and Business Cycles, July 2015, Beijing, China.
- “Internationally Oriented Education Reform and Talent Cultivation,” Keynote Speech at the International Symposium on China’s Financial Development and Inauguration of School of Finance at Nankai University, June 2015, China.
- “Economics Education and Development,” Keynote Speech at the 10th Anniversary and Economics Education Forum of Wang Yanan Institute for Studies in Economics, June 2015, Xiamen University, China.
- “Matching with Couples: Stability and Algorithm,” 2014 Shanghai Microeconomics Workshop, June 2014, Shanghai, China.
- “China’s Reform: History, Logic and Future,” Keynote Speech at the International Conference on China’s Economic Reform and Sustainable Development: Challenges and Opportunities, June 2014, Jinan University, Guangzhou, China.
- “China’s Reform: From Where, Where to Go,” Keynote Speech at the 2014 China Economics Annual Meeting, December 2013, Chengdu, China.
- “Multi-task Incentive Contract and Performance Measurement with Multidimensional Types,” Econometric Society China Meeting, June 2013, Beijing, China.
- “Resolution to the Gap between Rural and Urban China: Urbanization,” 4th NetEase Annual Economist Conference: Return to a Wealthy Citizenry, December 2012, Beijing, China.

- “The Future of China’s Economic Transitions,” Keynote Speech at the International Conference on China in the World Economy: Searching for Sustainable Economic Growth, December 2012, Yunnan University of Finance & Economics, China.
- “Price and Advertising Signals of Product Quality with Minimum Demand,” International Economic Association Sixteenth World Congress, July 2011.
- “Ten Years after Accession to WTO: Chinese and the World Economy,” 2011 CES CHINA CONFERENCE, June 2011, Beijing.
- “The Existence of Equilibria in Games with Arbitrary Strategy Spaces and Payoffs: A Full Characterization,” the Econometric Society, AEA Meeting, January, 2010.
- “World Financial Crisis and its Impact on and Implications for China’s Economic Development and Reforms,” invited Keynote Speaker at “China’s Peaceful Development: Opportunities and Challenges” International Conference, Macao Polytechnic Institute, May, 2009.
- “The Existence of Equilibria in Games with Arbitrary Strategy Spaces and Payoffs: A Full Characterization,” NSF/NBER/CEME Conference on General Equilibrium and Mathematical Economics, October, 2009.
- “Economic Ideas and Thoughts,” invited Keynote Speaker at the SSSA 2009 Annual Meeting, December, 2009, Hangzhou, China.
- “Monetary Policy, Inflation, Depression in Chinese Economy,” Conference on China’s Economic Growth and Business Circle in China, Capital University of Economics and Trade, Beijing, June, 2008
- “China’s Thirty Year Reform: Past, Current, and Future,” invited Keynote Speaker at the Economic Theory Symposium on Thirty-year Reform and Opening-up & in Celebration of Sun Yefang’s 100th Anniversary, organized by Chinese Academy of Social Sciences, Shanghai, October, 2008
- “Impact of American Financial Crisis on Chinese Capital Market,” invited Keynote Speaker at the SSSA 2008 Annual Conference “Reform and Opening-up: Institution, Development and Management”, December, 2008, Shanghai.
- “Mechanism Design and China’s Review,” invited Keynote Speaker at the Seventh China Economics Annual Conference, December, 2007, at the Shengzhen University, China.
- “A Formal Theory of Reference Group for Well-being Studies: A Solution to the Happiness-Income Puzzle,” presented at the 2006 Far Eastern Meeting of the Econometric Society, July 2006.
- “The Construction of a Harmonious Society and the Perfection of a Modern Market System: Efficiency, Equity and the Rule of Law,” A Keynote Speaker on International Symposium on Governing Rapid Growth in China: Efficiency, Equity and Institutions, July, 2006.

- “Governing Stead Economic Growth in China: Efficiency, Equity, and Institution,” invited as keynote Speaker at the Fifth China Economics Annual Conference, December, 2005, at the Xiamen University, China.
- “The Basic Analytical Framework and Methodologies in Modern,” invited as keynote Speaker at the Forth China Economics Annual Conference, December, 2004, at the Nankai University in Tianjin, China.
- “Foreign Banks and joint-stock reconstruction of China’s State Bank Sector,” presented at the International Symposium on Private Enterprises and China’s Economic Development, Beijing, June 18-20, 2004.
- “Foreign Banks and joint-stock reconstruction of China’s State Bank Sector” presented at the International Symposium on China’s State Bank Reform, Tsinghua University, Beijing, April 1.
- “Chinese Bank Sector: Dilemma of Reforms and Role of Foreign Banks,” invited as keynote Speaker at the closing ceremony forum in Third China Economics Annual Conference, at the Fudan University in Shanghai, China, December, 2003, .
- “China-US Economic Relations: Dilemmas and Directions,” presented at the International Conference on China-US Relations: Past, Present, and Future, Texas A&M University, November, 2003.
- “China’s Economic Reforms: Problems and Prospective,” presented at the Symposium on Social Transformations and Cultural Awareness, University of Nevada, Las Vegas, October, 2003.
- “Economic Globalization, Marketization Reform and Economic Development in China,” presented at the Symposium on the Modern Economics Education and China’s Economic Reform, Tsinghua University, April, 2002.
- “Economic Globalization, Marketization Reform and Economic Development in China,” presented at the Symposium on the Sustaining Peace and Progress in China and Beyond, San Jose State University, October, 2002.
- “The Competitive Mechanism is the Unique Informationally Efficient Process for Economies with Production,” presented at the Decentralization Conference, Northwest University, April, 2001.
- “Incentives, Information, and Economic Mechanism Design,” presented at the Conference on Development of Economics Research and Culturing of College Students as World Standard Economists, Huazhong University of Science and Technology, June, 2001.
- “Issues and Future Development of the New Institutional Economics,” invited presented at the Symposium on the Law and Economics, Zhejiang University, December, 2001.

- “On Uniqueness of Informational Efficiency of the Competitive Mechanism In Production Economies,” presented at the 2001 NSF-NBER Conference on Decentralization held at Northwestern University, April, 2001.
- “On Uniqueness of Informational Efficiency of the Competitive Mechanism In Production Economies,” presented at the Fall 2000 Midwest Economic Theory and International Trade Conference, Rice University, October, 2000.
- “Globalization and Marketization Reform in China,” invited presented at the Symposium on 21st Century China and Globalization, Beijing, China, August, 2000.
- “China’s Marketization Reform and Economic Development under Globalization,” presented at the Symposium on Developing through Globalization: China’s Opportunities and Challenges in the New Century, Shanghai, China, July, 2000.
- “Dilemmas, Causalities, and Solution to China’s Economic Depression” invited presented at the International Conference on 21st Century China and the Challenge of Sustainable Development: China and Its Trading Partners, Maryland, September, 1999.
- “State-Owned Enterprises Reforms, Unemployment, and Equity: China’s Dilemma and Choices,” presented at the International Conference on Labor Market and Unemployment Policy in Transitional China, Chengdu, China, July 1999.
- “China’s Reforms: Past, Present and Future” invited presented at the International Conference on Fifty Years of the People’s Republic of China, High Points University, January, 1998.
- “A The Theory of Ownership Arrangements and Smooth Transition To A Free Market Economy,” presented at the Second Annual Conference of the International Society for New Institutional Economics, Paris, September, 1998.
- “Comparative Studies of Pension Systems and China’s Options,” presented at the International Symposium on Establishing a Market-Oriented Social Security System in China, Beijing, China, June, 1998.
- “Incentive Mechanism Design for Production Economies with Both Private and Public Ownership,” presented at the International Conference on Public Economic Theory, University of Alabama, May, 1998.
- “China’s Reforms: Past, Present and Future” invited presented at the International Conference on Agriculture and Sustainable Development: China and Its Trading Partners, Texas A&M University, January, 1998.
- “Reforms of State-Owned Enterprises and Government Administrative System: What Kind of Privatization?” invited presented at the International Conference on the 15th Communist Party Congress and China’s Development, New York, November 1997.
- “The Perspective and Problems of Institutional Transition in China after Deng,” invited presented at the Conference on Transition to Toward the Post-Deng China, November 1997.



- “Breaking Up is Hard to Do: The Theory of Property Rights in Transitional Economies,” presented at the Far Eastern Meeting of Econometric Society 1997, Hong Kong, July 1997.
- “Breaking Up is Hard to Do: The Theory of Property Rights in Transitional Economies,” presented at the International Conference on Transition to Advanced Market Institutions and Economies, Poland, June 1997.
- “Breaking Up is Hard to Do: The Theory of Property Rights in Transitional Economies,” invited presented at the Conference of Industrial Organization, Taiwan, November 1996.
- “China’s Institutional Transition and Economic Relations Between US and China,” presented at International Symposium on US-China Relations: Interdisciplinary Perspectives, University of Maryland, October, 1996.
- “Breaking Up is Hard to Do: The Theory of Property Rights in Transitional Economies,” presented at American Economic Association Meeting, January 1996.
- “Continuous and Feasible Implementation of Rational Expectation Lindahl Allocations,” presented at the Southwestern Conference on the Economic Theory and International Trade, MSU, November 1995.
- “On Relations of Central Government, Local Governments, and Decentralized Decision Making in Institutional Transition in China,” presented at the International Conference on the Emerging Market Federalism in China, University of Michigan, August, 1995.
- “China’s Economic Reform and Smooth Institutional Transition,” presented at the International Conference on China’s Modernization, University of Maryland, June 1995.
- “On the Pattern and Steps of China’s SOE Reform and Smooth Transition of Economic System,” presented at the International Conference on China’s State-Owned Enterprises, Shanghai, China, July 1995.
- “Economic Mechanism Design and Information Economics”, Presented at the International Conference on the New Development of Economics and China’s Economic Reform, Peking University, China, March 1995.
- “On Relations of Central Government, Local Governments, and Decentralized Decision Making in Institutional Transition in China,” invited presented at the Conference on Local-Central Government Relations and Institutional Transition in China, Princeton University, October, 1994.
- “Property Right Structure and Its Reform in TVEs,” presented at the International Conference on the Property Rights of Township-Village Enterprises in China”, Hangzhou, China, August, 1994.
- “On Reform of State-Owned Enterprises and Stages of Institutional Transition in China,” presented at the Meeting of Economic Transition and Polish Reforms”, Center for Social and Economic Research, Warsaw, Poland, July, 1994.

“Implementation of Linear Cost Share Equilibrium Allocations,” presented at the Far Eastern Meeting of the Econometric Society at Academia, Sinica, Taipei, Taiwan, June, 1993.

“On the Existence of Optimal Truth-Dominant Mechanisms for a Class of Utility Functions,” presented at the Lonestars Conference, University of Texas at Austin, March, 1993.

“Economic Reforms and Mechanism Design,” invited presented at the International Symposium on the East Asia Economic Development, University of Minnesota, August, 1993.

“The Perspectives and Problems of China’s Economic,” invited presented at the Symposium on Economic Reform, Political Reform, Social Problems in China, Princeton University, August, 1993.

“Mechanism Design in Institutional Transition in China,” invited presented at the International Symposium on the Theoretical and Practical Issues of the Transition toward the Market Economy in China,” Haikou, China, July, 1993.

“Implementing Lindahl Allocations by a Withholding Mechanism,” presented at the Department of Economics, presented in the Lonestars Conference, University of Texas at Austin, April, 1991.

“An Implementable and Informationally Efficient State-Ownership System with the Variable Returns: An Answer to the ‘Socialist Controversy’,” presented on the 1990 NSF-NBER Conference on Decentralization held at Northwestern University, also presented at the Econometric Society Winter Meeting, in Washington, D.C., December, 1990.

“Invectives, Information, and Mechanism Design,” presented at the Conference on the Modernization in China held at University of Chicago, June, 1990.

“Ratio-Lindahl Equilibria and an Informationally Efficient and Implementable Mixed-Ownership System,” presented at the Econometric Society Winter Meeting, in Washington, D.C., December, 1990.

## **EXTERNAL SEMINAR PRESENTATIONS**

“Observation and Reflection on the Development of China’s Real Economy,” Policy Research Office at the Ministry of Finance, June 2017.

“Nature of Modern Economics,” presented at many universities in China, including: Southwestern University of Finance and Economics (May 2017), Zhejiang University (June 2017), Zhejiang University of Finance and Economics (June 2017), China University of Geosciences (June 2017), Zhongnan University of Economics and Law (June 2017), Nanjing University (June 2017), Renmin University of China (June 2017), etc.

“School Governance and Leadership,” Hubei University of Economics, June 2017.

“Future Path for China’s Economy and Reform,” Fudan University, March 2017.

- “China’s Economy and Economic Reform,” Tongji University, December 2016.
- “Three Important Issues in China’s Reform and Transition,” University of International Business and Economics, October 2016.
- “The Emphasis and Difficulties of the Supply-side Structural Reform,” Northwest A&F University, July 2016.
- “China’s Reform: History, Logic and Future,” presented at many universities in China, including: Zhongnan University of Economics and Law (May 2015), Donghua University (July 2015), Wuhan University of Technology (July 2015), Shaanxi Normal University (December 2015), etc.
- “The Impact of Long-Term Contract on Market Competition with Network Effects and Bounded Rationality,” Huazhong University of Science and Technology, June 2015.
- “China’s Reform: History, Logic and Future,” presented at many universities in China, including: Huazhong University of Science and Technology (June 2014), Wuhan University (June 2014), Nankai University (December 2014), Northeast University of Finance and Economics, etc.
- “Minimum Wage and Export: Evidence from Chinese Firm-level Data,” Shanghai University of Finance and Economics, May 2013.
- “On the Existence of Price Equilibrium in Economies with Excess Demand Functions,” Huazhong University of Science and Technology, March 2013.
- “Multi-task Incentive Contract and Performance Measurement with Multidimensional Types,” Huazhong University of Science and Technology, June 2012.
- “Firms’ Organizational Modes with Demand Uncertainty and Production Capacity,” June 2012.
- “The Existence of Equilibria in Games with Arbitrary Strategy Spaces and Payoffs: A Full Characterization,” Beijing Normal University, May 2012.
- “Minimum Wage and Export: Evidence from Chinese Firm-level Data,” Shanghai University of Finance and Economics, May 2012.
- “Future Reforms in China,” Fudan University, May 2012.
- “How are Income and Non-Income Factors Different in Promoting Happiness? An Answer to the Easterlin Paradox,” Cheung Kong Graduate School of Business, March 2012.
- “The Existence of Equilibria in Games with Arbitrary Strategy Spaces and Payoffs: A Full Characterization,” Huazhong University of Science and Technology, June 2011.
- “Price and Advertising Signals of Product Quality with Minimum Demand,” Shanghai University of Finance and Economics, 2011.

- “The Existence of Equilibria in Games with Arbitrary Strategy Spaces and Payoffs: A Full Characterization,” Hong Kong University of Science and Technology, June, 2010.
- “The Existence of Equilibria in Games with Arbitrary Strategy Spaces and Payoffs: A Full Characterization,” Chinese University of Hong Kong, June, 2010.
- “On the Existence of Strong Nash Equilibria,” Cheung Kong Graduate School of Business, July, 2010
- “The Existence of Equilibria in Games with Arbitrary Strategy Spaces and Payoffs: A Full Characterization,” University of Minnesota, September, 2010.
- “The Existence of Equilibria in Games with Arbitrary Strategy Spaces and Payoffs: A Full Characterization,” , Texas A&M University, October, 2010.
- “The Existence of Equilibria in Games with Arbitrary Strategy Spaces and Payoffs: A Full Characterization,” Shanghai University of Finance and Economics, December 2008.
- “First Price Auctions with Participation Costs,” Huazhong University of Science and Technology, June, 2008.
- “Inequality, Urbanization and Economic Growth: A Demand-side Analysis,” Hubei Institute of Economics, June, 2008.
- “Endogenous Information Acquisition on Opponents’ Valuations in Multidimensional Sealed-Bid Auctions,” Shanghai University of Finance and Economics, December 2007.
- “Generalized Mechanism and Implementation in Economies with Non-Convex Production Technologies Unknown to the Designer,” Hong Kong University of Science and Technology, June, 2007.
- “Second Price Auctions with Differentiated Participation Costs,” Huazhong University of Science and Technology, June, 2007.
- “The Basic Analytical Framework and Methodologies in Modern Economics,” Hubei University, June, 2007.
- “China’s Thirty Year Reform: Past, Current, and Future,” Southwest University of Finance and Economics, May 2007.
- “China’s Thirty Year Reform: Past, Current, and Future,” Shanghai University of Finance and Economics, May 2007.
- “A Formal Theory of Reference Group for Well-being Studies: A Solution to the Happiness-Income Puzzle,” Jiangsu University of Finance and Economics, December 2006
- “Generalized Mechanism and Implementation in Economies with Non-Convex Production Technologies Unknown to the Designer,” Hong Kong University of Science and Technology, April 20, 2005.

- “A Formal Theory of Reference Group for Well-being Studies: A Solution to the Happiness-Income Puzzle,” Shanghai University of Finance and Economics, December, 2005.
- “The Basic Analytical Framework and Methodologies in Modern,” Shanghai University of Finance and Economics, December 6, 2004.
- “Foreign Banks and joint-stock reconstruction of China’s State Bank Sector,’ presented at Huazhong University of Science and Technology, June 15, 2004.
- “On the Informational Requirements of Decentralized Pareto-Satisfactory Mechanisms in Economies with Increasing Returns,” Tsinghua University, May 18, 2004.
- ”Chinese Bank Sector: Dilemma of Reforms and Role of Foreign Banks,” presented at Huazhong University of Science and Technology, also presented at Tsinghua University, China, December 2003.
- “On the Informational Requirements of Decentralized Pareto-Satisfactory Mechanisms in Economies with Increasing Returns,” presented at Peking University, December, 2003.
- “Generalized Mechanism and Implementation in Economies with Non-Convex Production Technologies Unknown to the Designer,” presented at Zhejiang University, December, 2003.
- “A Unique Informationally Efficient Allocation Mechanism in Economies with Consumption Externalities,” presented at Huazhong University of Science and Technology, May, 2002.
- “A Unique Informationally Efficient Allocation Mechanism in Economies with Non-Malevolent Externalities,” invited seminar presentation in the Department of Economics, University of Washington, February, 2001.
- “Economic Globalization, Marketization Reform and Economic Development in China,” presented at Zhejiang University, December, 2001.
- “Incentives, Information, and Economic Mechanism Design,”” presented at Zhejiang University, December, 2001.
- “Past, Current, and Future of China’s Economics Reforms,” presented at Zhejiang University, December, 2001.
- “On Uniqueness of Informational Efficiency of the Competitive Mechanism In Production Economies,” presented at University of Washington, Department of Economics, February, 2000.
- “A Unique Informationally Efficient Allocation Mechanism in Economies with Public Goods,” presented at Hong Kong University of Science and Technology, also presented at Peking University, China, December, 2000.
- “Economic Globalization, Marketization Reform and Economic Development in China,” presented at Huazhong University of Science and Technology, December, 2000.
- “China’s Economic Reforms: Past, Present, and Future,” presented at the Zhongnan University of Finance and Economics, China, June, 1998.

- “Breaking Up is Hard to Do: The Theory of Property Rights in Transitional Economies,” presented at the Zhongnan University of Finance and Economics, China, June, 1998.
- “China’s Economic Reforms: Past, Present, and Future,” presented at the Huazhong University of Science and Technology, China, June, 1998.
- “Incentive Mechanism Design for Production Economies with Both Private and Public Ownership,” presented at the Huazhong University of Science and Technology, China, June, 1998.
- “China’s Economic Reforms: Past, Present, and Future,” presented at the Northern Jiaotong University, China, June, 1998.
- “Breaking Up is Hard to Do: The Theory of Property Rights in Transitional Economies,” presented at the Hong Kong University of Science and Technology, Hong Kong, June, 1998.
- “The Property Right Structure of Chinese Township-Village Enterprises and Its Reform,” presented at University of Hong Kong, June, 1998.
- “Bayesian Implementation in Exchange Economies with State Dependent Preferences and Feasible Sets,” presented at Chengchi University, Taiwan, November 1996.
- “Characterizations of Virtual Implementation in Incomplete Information Environments with General Sets of Alternatives and Types,” presented at Taiwan University, also at the Institute of Economics, Academia Sinica, November 1996.
- “On the Existence of Optimal Dominant Strategy Mechanisms for Uncountably Many Utility Functions,” presented at Tamkang University, November 1996.
- “On State-Owned Enterprise Reform and Smooth Institutional Transition in China — A Three-Stage Economic Reform Mode,” presented at Tamkang University, November 1996.
- “Breaking Up is Hard to Do: The Theory of Property Rights in Transitional Economies,” presented at Duke University, February, 1996.
- “Characterizations of Virtual Implementation in Incomplete Information Environments with General Sets of Alternatives and Types,” presented in Institute of Mathematics, Academia Sinica, Beijing, China, July, 1994.
- “Some Issues of Economic Reform in China,” presented in Institute of Far Eastern Studies, Moscow, Russia, July, 1994; also at Economics Institute, the Academy of Sciences of the Czech Republic, Prague, Czech, July, 1994.
- “The Perspectives and Problems of China’s Economic Reform,” presented at Beijing University, Beijing, China, December, 1993; also at Department of Economics, People University, Beijing, China, December, 1993.
- “On Informational Efficiency and Incentive Aspects of Generalized Ratio Equilibria,” presented at the Department of Economics, Southern Methodist University, November, 1993.

- “On Nash-Implementation in the Presence of Withholding,” presented at the Department of Economics, Huazhong University of Science and Technology, Wuhan, China, June, 1993.
- “Some Theoretical Issues on China’s Economic Reform,” presented at Zhongnan University of Finance and Trade, Wuhan, China, June, 1993;
- “Transfer Continuities, Generalizations of the Weierstrass Theorem and Maximum Theorem—A Full Characterization,” presented at the Department of Mathematics, Wuhan University, Wuhan, China, June, 1993.
- “Necessary and Sufficient Conditions for Maximization of a Class of Preference Relations,” presented at Department of Mathematics, Wuhan University of Hydraulic and Electric Engineering, Wuhan, China, June, 1993.
- “Characterizations of the Existence of Equilibria in Games with Discontinuous and Nonquasi-concave Payoffs,” presented at Department of Mathematics, Wuhan Institute of Metallurgy, Wuhan, China, May, 1993.
- “Economic Reforms and Mechanism Design,” invited presented at the International Symposium on the East Asia Economic Development, National University of Taiwan, Taiwan, June, 1993; also at Huazhong University of Science and Technology, Wuhan, China, May, 1993.
- “Incentive Mechanism Design in Institutional Transition in China,” presented at School of Business, Wuhan University, China, Wuhan, May, 1993; also Wuhan University of Technology and Wuhan Institute of Economics, Wuhan, China, May, 1993.
- “Implementing Lindahl Allocations by a Withholding Mechanism,” presented at the Department of Economics, University of Missouri at Columbia, April, 1992.
- “Necessary and Sufficient Conditions for Maximization of a class of Preference Relations,” presented at the Department of Economics, Konstanz University, Germany June, 1991.
- “A General-Equilibrium Intertemporal Model of an Open Economy,” presented at the Department of Economics, Konstanz University, Germany, June, 1991.
- “Closed-Form Solution of General Intertemporal Consumption Maximization Models,” presented at the Department of Economics, Konstanz University, Germany, May, 1991.
- “Implementation of Lindahl Allocations with Nontotal- Nontransitive Preferences,” presented at the Department of Economics, Konstanz University, Germany, May, 1991.
- “Implementation of the Lindahl Correspondence by Single-Valued, Feasible and Continuous Mechanism,” presented at the Department of Economics, New York State University at Buffalo, April, 1988.
- “Completely Feasible and Continuous Implementation of the Lindahl Correspondence with a Message Space of Minimal Dimension,” presented at the Department of Economics, University of Rochester, February, 1987; also presented at the Department of Economics, University of Saskatchewan, March, 1987.