

Curriculum Vitae

Ke-Hung, Lai

賴科宏

PERSONAL PARTICULARS

Current Position Associate Researcher, Financial Research and Development Fund Committee, Financial Supervisory Commission, Executive Yuan, R.O.C

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EDUCATION SUMMARY

2002 - 2009 **Ph.D in Economics**
Department of Economics, National Cheng-Chi University, Taiwan.

1998 - 2000 **M.A in Economics**
Department of Economics, National Taipei University, Taiwan.

1994 - 1998 **B.A in Economics**
Department of Economics, College of Law and Business, National Chung-Hsing University, Taiwan.

RESEARCH FIELDS

- **Financial Economics**
(Including : Financial Theory and Policy, Financial Risk Management, Financial Markets Administration, and etc.)

- **Monetary Economics**
(Monetary Theory and Policy, Money and Banking, Central Banking, Monetary Policy and Economic Development and etc.)
- **International Economics**
(International Finance, International Economics (including International Trade), Financial Crisis and Financial Supervisory (including Basel II Accord), Regional Financial Development and Economic Consolidation, and etc.)
- **Agent-Based Computational Economics**
(Financial Contagion and Network Effects, Social Network and Financial Investment Strategy, and etc.)

EMPLOYMENT

- ✧ **2009 –2010** **Post-Doctoral Researcher**
(Department of Economics, National Cheng-Chi University, Taiwan)
- ✧ **2008 - 2009** **Research Assistant**
(Prof. Shu-Heng, Chen, Department of Economics, National Cheng-Chi University, Taiwan.)
- ✧ **2007 - 2008** **Teaching Assistant of Economics (Teaching Excellence Project)**
(Prof. Hsin-Ping, Chen, Department of Economics, National Cheng-Chi University, Taiwan.)
- ✧ **2006 - 2007** **Lecturer in Financial Risk Management**
(Department of Financial, Shih-Chien University (Taipei Campus), Taiwan.)
- ✧ **2006 - 2007** **Teaching Assistant of Economics (Teaching Excellence Project)**
(Prof. Mei-Lie, Chu, Department of Economics, National Cheng-Chi University, Taiwan.)
- ✧ **2006 - 2007** **Teaching Assistant of Public Finance**
(Associate Professor, Jhuo-Siou Wang, Department of Economics, National Cheng-Chi University, Taiwan.)

- ✧ **2006 - 2007** **English Tutor in Economics**
 (Center for Teaching and Learning Development, National Cheng-Chi University, Taiwan.)
- ✧ **2005 - 2006** **Tutor in Macroeconomics / Microeconomics**
 (Center for Teaching and Learning Development, National Cheng-Chi University, Taiwan.)
- ✧ **2004 - 2006** **Teaching Assistant of Economics (Teaching Excellence Project)**
 (Prof. Shu-Heng, Chen, Department of Economics, National Cheng-Chi University, Taiwan.)
- ✧ **2003 - 2004** **Teaching Assistant of Microeconomics**
 (Prof. An-Pang, Kao, Department of Economics, National Cheng-Chi University, Taiwan.)
- ✧ **2002 - 2003** **Research Assistant**
 (Prof. An-Pang, Kao, Department of Economics, National Cheng-Chi University, Taiwan.)

ACADEMIC SERVICES

- ✓ **Coordinator** 6th International Workshop on Agent-based Approaches in Economic and Social Complex Systems (AESCS), National Cheng-Chi University, Taiwan, 2009.
- ✓ **Tutorial Coordinator** Annual Conference of Pacific-Asian Association for Agent-based Approach in Social Systems Sciences, National Cheng-Chi University, Taiwan, 2009.
- ✓ **Coordinator** No.18 - Prof. Paul Glimcher, Herbert Simon Lectures Series, National Cheng-Chi University / National Taiwan University, Taiwan, 2009.
- ✓ **Staff** 9th Joint Conference on Information Sciences (JCIS), National Kaohsiung University of Applied Sciences, Taiwan, 2006.
- ✓ **Staff** Joint Workshops of Herbert Simon Series Seminar (HSSSS) and Economic, Financial and Managerial Applications of Computational Intelligence (EFM@CI), National Cheng-Chi University / National Kaohsiung University of Applied Sciences, Taiwan, 2005.
- ✓ **Staff** No.09 - Prof. Lei Xu, Herbert Simon Lectures Series, National Cheng-Chi University, Taiwan, 2005.

- International Summer Workshop on Economic, Financial and Managerial Applications of Computational Intelligence (EFM@CI), National Cheng-Chi University / Feng-Chia University / National Kaohsiung University of Applied Sciences, Taiwan, 2004.
- ✓ **Staff**

GRANTS AND HONORS

- 2008, International Academic Research Publications Founding, National Cheng-Chi University, Taiwan, R.O.C.
- 2005, Attending the International Conference Subsidy, Ministry of Education, Taiwan, R.O.C.

ACADEMIC ACHIEVEMENTS

Thesis and Dissertation

◆ **Ph.D Thesis**

2009, *The Comprehensive Review of the Monetary Policy Operation Mechanism in Taiwan*, Ph.D Thesis Submitted to Department of Economics, National Cheng-Chi University. (in Chinese)

◆ **MA Thesis**

2000, *The Study of the Banking Lending Systems with Asymmetric Information in Taiwan*, MA Thesis Submitted to Department of Economics, National Taipei University. (in Chinese)

Refereed Journal Articles

- ◆ **Ke-Hung, Lai** and Shu-Heng, Chen (2009), “A Brief Introduction of Monetary Policy operation Mechanisms and Central Bank Independence in the ASEAN,” *Chang-Gung Journal of Humanities and Social Science*, Vol. 2(2), pp. 341-378. (in Chinese) [THCI] [CEPS]
- ◆ **Ke-Hung, Lai** and Shu-Heng, Chen (2009), “Central Bank Accountability and Transparency: The Case Studies of China, Hong Kong, Japan, Korea, Russia, Australia and New Zealand,” *Asia-Pacific Economic and Management Review*, Vol. 12(2), pp. 1-29. (in Chinese) [CEPS]
- ◆ **Ke-Hung, Lai** (2009), “The Study of Central Bank Accountability and Transparency in the ASEAN,” *Journal of Far East University*, Vol.26 (1), pp. 17-40. (in Chinese)
- ◆ S.-C. Wang, J.-J. Tseng, C.-C. Tai, **K.-H. Lai**, W.-S. Wu, S.-H. Chen and

S.-P. Li (2008), "Network Topology of an Experimental Futures Exchange," *The European Physical Journal B*, Vol. 62(1), pp.105-112. [SCI]

- ◆ **Ke-Hung, Lai** (2001), "Indigenous Financial Crisis," *Socioeconomic Law and Institution Review*, Vol. 27, pp. 59-96. (in Chinese)
- ◆ **Ke-Hung, Lai** (2001), "The Case Study of the Bank Lending in Taiwan's Financial System," *Quarterly Journal of Securities and Finance*, Vol. 68, pp. 111-159. (in Chinese)

Refereed Conference Papers

- ◆ **Ke-Hung, Lai** (2009), "Does Taiwan Suit to Adopt the Inflation Target Framework?" Conference on Financial Services Integration and Innovative Development, Shih-Chien University (Taipei Campus), Taiwan, June 5.
- ◆ Shu-Heng, Chen, Yai-Chi, Hunang, and **Ke-Hung, Lai** (2005), "*Bounded Rationality and the Elasticity Puzzle: What Can We Learn from the Agent-Based Computational Consumption Capital Asset Pricing Model*," Proceedings of the Conference of "Society of Computational Economics 11th Annual Conference on Computing in Economics and Finance," Washington, D.C. U.S.A, June 23-25.

Working Papers

- ◆ **Ke-Hung, Lai**, Wen-Jhan, Jane and Yu-Ling, Liu (2010), "The Study of How to Regulate the Payment Services Provided By Third-Party Payment System in Taiwan," Working Paper.
- ◆ **Ke-Hung, Lai**, Ji-Tian, Jeng and Sheng-Chih, Lin (2010), "The Financial Contagion Effects in the Rotating Savings and Credit Association," Working Paper.
- ◆ Binner J., J. Barry, Shu-Heng, Chen and **Ke-Hung, Lai** (2010), "Forecasting Inflation in Taiwan Using Admissible Monetary Aggregates," Working Paper.
- ◆ Binner J., Shu-Heng, Chen, **Ke-Hung, Lai**, A. Mullineux and J. Swofford (2010), "Do the ASEAN Countries and Taiwan Form a Common Currency Area?" Working Paper. (**under review**)
- ◆ **Ke-Hung, Lai** (2009), "Does Taiwan Suit to Adopt the Inflation Target Framework?" Working Paper. (**under review**)
- ◆ **Ke-Hung, Lai** (2009), "Does the Current Central Bank Act Suit for Taiwan via Measuring the Performance of the Transnational Central Banks?" Working Paper. (**under review**)
- ◆ **Ke-Hung, Lai** (2009), "Monetary Policy Operation Mechanisms and

Central Bank Independence: The Case Studies of China, Hong Kong, Japan, Korea, Russia, Australia and New Zealand,” Working Paper. (**under review**)

- ◆ Shu-Heng, Chen and **Ke-Hung, Lai** (2008), “Monetary Policy and Central Bank’s Performance in Taiwan”, Working Paper. (**under review**)
- ◆ **Ke-Hung, Lai** (2007), “The Assessment of the Bank Industries’ Competition after the Second Financial Reformation in Taiwan by the Panzar-Rosse Model,” Working Paper. (in Chinese)
- ◆ **Ke-Hung, Lai** (2006), “The Evaluation of the Second Financial Reformation in Taiwan,” Working Paper. (in Chinese)

Invited Speeches

- ◆ **Ke-Hung, Lai** (2010), “The Brief Introduction of the Monetary Operational Mechanism in the Asia-Pacific Area,” The Summer Research and Study Courses for the Teachers of College of Business at China University of Technology, Taiwan Institute of Economic and Research.
- ◆ **Ke-Hung, Lai** (2010), “The Monetary Mechanism Integration of the East-Asia Countries and their Relationship and Competition in Trade,” The Summer Research and Study Courses for the Teachers of College of Business at China University of Technology, Taiwan Institute of Economic and Research.
- ◆ **Ke-Hung, Lai** (2009), “The Study of the Central Bank Independence, Accountability and Transparency in Taiwan,” Course of Economic Questions and Discussion, National Cheng-Chi University, Taiwan.

Implemented Research Projects

- ◆ 2009, To Establish the Experimental Subject Database Project, National Cheng-Chi University Top University Program.
(Principle Investigator: Prof. Jen-Te Huang)
- ◆ 2009, To Strengthen the Cooperation between Economics, Psychology and Research Center for Mind, Brain, and Learning (RCMBL) Project, National Cheng-Chi University Top University Program.
(Principle Investigator: Prof. Shu-Heng, Chen, Prof. Ruey-Ming Liao and Nai-Shing Yen)
- ◆ 2008, To Promote the Economics Field Project, National Cheng-Chi University Top University Program.
(Principle Investigator: Prof. Jen-Te Huang)

- ◆ 2007, Sub-Project of the Digital Information Development Project – Computational Social Sciences: The Study of Predication Market, National Cheng-Chi University Project of Promoting Academic Excellence.
(Sub-Project Principle Investigator: Prof. Shu-Heng, Chen)
- ◆ 2005, Bounded Rationality and the Elasticity Puzzle: What Can We Learn from the Agent-Based Computational Consumption Capital Asset Pricing Model, NSC Project (NSC94-2415-H-004-003).
(Principle Investigator: Prof. Shu-Heng, Chen)