

學術研討會

2005 Taipei Conference on Efficiency and Productivity Growth

時間：6月20日（星期一）

地點：本院經濟研究所慕寰廳

主辦單位：本院經濟研究所

Tentative Program

08:50 – 09:20 Registration

09:20 – 10:10 **Opening Remarks**

Chung-Ming Kuan, Academia Sinica

Keynote Address

Chair: Schive Chi, Taiwan Academy of Banking and Finance

Speaker: C.A. Knox Lovell, University of Georgia, USA

“Green Productivity Accounting”

10:30 – 12:00 **Parallel Session A1**

Chair: Ching-Fan Chung, Academia Sinica

1. *“Productivity, Efficiency, Scale Economies, and Technical Change: a New Decomposition Analysis of TFP Applied to the Japanese Prefectures”*

Jiro Nemoto, Nagoya University, Japan

Discussant: Ching-Cheng Chang, Academia Sinica

2. *“Total Factor Productivity Growth and Technical Change in China’s Agricultural Sector”*

Po-Chi Chen, Chung Hua University, Ming-Miin Yu, National Taiwan University, Ching-Cheng Chang, Academia Sinica and **Shih-Hsun Hsu**, National Taiwan University

Discussant: Jiro Nemoto, Nagoya University, Japan

3. *“Analysis of World Health Production Accounting for Cross-Country Heterogeneity”*

Shao-Hsun Keng and **Yang Li**, National University of Kaohsiung

Discussant: Shih-Neng Chen, Shih-Hsin University

10:30 – 12:00 **Parallel Session B1**

Chair: Been-Lon Chen, Academia Sinica

1. *“Productivity Growth and Level Comparison among East Asian Countries”*

Kazuyuki Motohashi, The University of Tokyo, Japan

Discussant: Mita Bhattacharya, Monash University

2. *“A Cross-Country Study on the Relative Efficiency of R&D Activities”*

Eric C. Wang, National Chung Cheng University

Discussant: Jeong-Dong Lee, Seoul National University

3. *“Productivity and Efficiency in APEC Economies with Energy Inputs Considered”*

Jin-Li Hu, National Chiao Tung University and Chih-Hung Kao, Ministry of Economic Affairs

Discussant: Ming- Hsiang Huang, National ChangHua University of Education

10:30 – 12:00 **Parallel Session C1**

Chair: Subal C. Kumbhakar, SUNY at Binghamton

1. “Innovation, Efficiency and SMEs: Evidence from Firm-level Panel Data”

Kang E. Liu National Chung Cheng University, and Chia-Hung Sun, National Chung Cheng University, and Jane Liu

Discussant: Chun-Hsiung Liao, National Cheng Kung University

2. “*The Effects of Environmental Awareness and Regulation on Innovation*”

Huei-Chin Lin, National Dong-Hwa University

Discussant: Amy Ruey-Meng Hwang, Academia Sinica

3. “*Innovation Spillover Effects of the Electronic Firms in Taiwan:*

An Analysis at the Sub-Industry Level”

Chi-Bin Cheng, Chaoyang University of Technology, Bao-Guang Chang, Tamkang University and **Chung-Jen Fu**, National Yunlin University of Science and Technology

Discussant: Hui-Lin Lin, National Taiwan University

13:00 – 14:30 **Parallel Session A2**

Chair: C.A. Knox Lovell, University of Georgia

1. “*Consumption Efficiency versus Production Efficiency: Implication for Innovation Studies*”

Jeong-Dong Lee, Seoul National University, Korea

Discussant: C.A. Knox Lovell, University of Georgia

2. “*Dynamic Marketability Efficiency and Structural Efficiency of Taiwan Commercial Banks*”

Lishu Ouyang, Chinese Culture University

Discussant: Tai-Hsin Huang, National Chiao Tung University

3. “*Uncertainty and Diffusion of Information Communication Technologies in the Productivity Measurement Framework*”

Diana H.A. Tsai and Wen-Shin Lo, National Sun Yat-Sen University

Discussant: Deng-Yang Chou, National Chung Cheng University

13:00 – 14:30 **Parallel Section B2**

Chair: Kung Wang, National Central University

1. “*Understanding the Importance of Shocks in Productivity Levels: The Case of Australian Manufacturing*”

Mita Bhattacharya, Monash University, Australia

Discussant: Kazuyuki Motohashi, The University of Tokyo

2. “*Law Environments, Venture Capital, and the Total Factor Productivity Growth of Taiwanese Industry*”

Meng-Chi Tang, Michigan State University, **Yih-Luan Chyi** and Pei-Hsin Hsu, National Tsing Hua University

Discussant: Jin-Li Hu, National Chiao Tung University

3. “*Technological Regimes and Firm’s Survival: The Evidence from Taiwanese Manufacturing*”

Pei-Chou Lin, Jin-Wen Institute of Technology, Deng-Shing Huang, Academia Sinica and Li-Hua Lee, ChengChi University

Discussant: Yang Li, National University of Kaohsiung

13:00 – 14:30 **Parallel Section C2**

Chair: Shin-Kun Peng, Academia Sinica

1. *“Measuring Rail Transport Technical Efficiency with Consideration of Congestion”*

Lawrence W. Lan, National Chiao Tung University and **Erwin T.J. Lin**, Ministry of Transportation and Communications

Discussant: Judy Shaw-Er Wang, Southern Taiwan University of Technology

2. *“Workforce Composition and Firm Productivity: Evidence from Taiwan”*

Ping Wang, Vanderbilt University and NBER and Jin-Tan Liu, National Taiwan University and Meng-Wen Tsou Tamkang University

Discussant: Cliff J. Huang, Vanderbilt University

3. *“Efficiency Evaluation of Polytechnic Higher Education Institutions with Considering Output Quality and Institutional Characteristics”*

Tsu-Tan Fu, Academia Sinica and Yung-Hsiang Lu, National Taiwan University

Discussant: Shih-Hsun Hsu, National Taiwan University

15:00 – 16:00 **Plenary Session**

Chair: Cliff J. Huang, Vanderbilt University

Invited Speakers:

Peter Schmidt, Michigan State University, USA

“On the Accuracy of Bootstrap Confidence Intervals for Efficiency Levels in Stochastic Frontier Models with Panel Data”

Subal C. Kumbhakar, SUNY at Binghamton, USA

“Stochastic Error Specification in Primal and Dual Systems”

16:00 – 18:00 **Parallel Section A3**

Chair: Ray Yeutien Chou, Academia Sinica

1. *“Labor Demand, Elasticity and Efficiency in the Credit Department of Farmers’ Association”*

Chin-Ren Wang, National Taichung Institute of Technology

Discussant: Kang Ernest Liu, National Chung Cheng University

2. *“Capital Adequacy, Risk Management, Efficiency and Productivity in Taiwan’s Banking Industry”*

Cliff J. Huang, Vanderbilt University and Ming-Hsiang Huang, National Changhua University of Education

Discussant: Hung-Jen Wang, Academia Sinica

3. *“Industrial Structure Changes and the Measurement of Total Factor Productivity Growth: The Krugman-Kim-Lau-Young Hypothesis Revisited”*

Chi-Yuan Liang, Academia Sinica

Discussant: Shih-Mo Lin, Chung Yuan Christian University

4. *“Product Cycle and Industrial Restructuring - An Empirical Study of Taiwan”*

Tzu-Han Yang, National Taipei University

Discussant: Deng-Shing Huang, Academia Sinica

5. “Residential Demand fro Internet Access and ISP” -

Chun-Hsiung Liao, National Cheng Kung University and Shaw Er Wang, Southern Taiwan University of Technology

Discussant: (邀請中)

16:00 – 18:00 **Parallel Section B3**

主持人: 沈中華 (政治大學金融系)

1. 「我國銀行業經濟效率的動態分析」
黃台心 (交通大學資訊與財金管理學系)、**陳盈秀** (淡江大學經濟系)、**陳佩欣** (淡江大學經研所)
評論人: 蔡蕙安 (中山大學經濟研究所)
2. 「加入金控之風險對銀行經營效率之影響」
黃美瑛 (台北大學經濟系)
評論人: 孫凌 (靜宜大學會計系)
3. 「我國銀行效率決定因素之實證研究」
陳明麗 (靜宜大學財金系)、**黃嘉齡** (嶺東技術學院財金所)
評論人: 陳碧綉 (東吳大學經濟系)
4. 「我國金融控股公司成立前後綜合證券商之經營績效分析」
孫凌 (靜宜大學會計系)、**李培楨** (靜宜大學會計所)
評論人: 王國樑 (政治大學經濟系)

16:00 – 18:00 **Parallel Section C3**

主持人: 陳忠榮 (中央大學產經所)

1. 「台灣總體技術進步、生產力成長之總體經濟計量分析」
何金巡 (行政院主計處)、**林建甫** (台灣大學經濟系)、**周麗芳** (政治大學財政系)
評論人: 周濟 (中華經濟研究院)
2. 「台灣地區國際觀光旅館之經營績效與地方政府觀光支出之關係: 隨機邊界距離函數之應用」
李文福 (龍華科技大學商學與管理研究所)、**王媛慧** (輔仁大學餐旅管理學系)、**翁竹君** (政治大學經濟研究所)
評論人: 游明敏 (海洋大學運輸技術系)
3. 「台灣農業生物科技廠商技術效率特性之研究」
曾冠彰、**萬鍾汶** (中興大學應用經濟系)
評論人: 范光中 (成功大學經濟系)
4. 「世界主要半導體製造廠商的生產效率評估/三階段 DEA 之應用」
楊永列 (嶺東技術學院財金所)、**洪萬吉** (嶺東技術學院財金所)、**傅碩玲** (嶺東技術學院財金所)
評論人: 林啟淵 (嘉義大學應用經濟系)
5. 「台灣地區公立與私立大學校院效率差異之研究」
郭振雄 (台北大學會計系)
評論人: 傅祖壇 (中研院經濟所)