

# **2008 Asia-Pacific Productivity Conference**

July 17-19, 2008

## **Host:**

Institute of Economics, Academia Sinica

## **Organizers:**

Department of Economics, National Taiwan University  
Department of Agricultural Economics, National Taiwan University  
Institute for Advanced Studies in Humanities and Social Sciences, National Taiwan University  
College of Management, National Dong Hwa University  
Institute of Business and Management, National Chiao Tung University  
Graduate Institution of Industrial Economics, National Central University  
School of Business, Soochow University  
School of Commerce, Kainan University  
School of Management, Ming Chuan University  
Department of Finance, Ling Tung University  
National Science Council  
Council for Economic Planning and Development  
Directorate-General of Budget, Accounting and Statistics  
Taiwan Economic Association

## **Venue:**

July 17

Building For Humanities and Social Sciences, Academia Sinica  
Center of Academic Activities, Academia Sinica

July 18-19

Center of Academic Activities, Academia Sinica

## DAY 1 – THURSDAY, JULY 17

*All presenters should arrive 10 minutes early to their session with their presentation on a USB/flash drive.  
Presenters are denoted in bold.*

<b>Time</b>	<b>Event</b>	<b>Location</b>
<b>09:30-10:30</b>	<b>Conference Registration</b>	<b>International Conference Hall</b>
<b>10:30-10:40</b>	<b>Opening Remarks</b> Shin-Kun Peng (Academia Sinica, Taiwan)	<b>International Conference Hall</b>
<b>10:40-11:30</b>	<b>Keynote Session 1</b> Chair: Sheng-Cheng Hu (Academia Sinica, Taiwan)  <ul style="list-style-type: none"><li>- Efficiency and Productivity in Higher Education: An Assessment of Universities in The United Kingdom by <b>Emmanuel Thanassoulis</b> (Aston University, UK)</li></ul>	<b>International Conference Hall</b>
<b>11:30-11:40</b>	<b>Coffee Break</b>	
<b>11:40-12:30</b>	<b>Plenary Session 1</b> Chair: Robin Sickles  <ul style="list-style-type: none"><li>- On the Distribution of Estimated Technical Efficiency in Stochastic Frontier Models by Wei Siang Wang and <b>Peter Schmidt</b></li><li>- Sample Selection in a Stochastic Frontier Model by <b>William H. Greene</b></li></ul>	<b>International Conference Hall</b>
<b>12:30-13:30</b>	<b>Lunch</b>	<b>Recreation Hall</b>
<b>13:30-14:40</b>	<b>Policy Forum—Education Efficiency</b> Chair: C.A. Knox Lovell  Speaker: <b>Chiang Kao</b>  Panel discussant: <b>Emmanuel Thanassoulis</b> <b>Pao-Long Chang</b>	<b>International Conference Hall</b>
<b>14:40-15:00</b>	<b>Coffee Break</b>	

- 15:00-16:10**      **Plenary Session 2**      **International Conference Hall**  
Chair: William H. Greene
- Likelihood Ratio Tests for Model Selection of Stochastic Frontier Models  
by Hung-Pin Lai and **Cliff J. Huang**
  - Generalized Quadratic Revenue Functions  
by R.G. Chambers, **R. Färe**, S. Grosskopf and M. Vardanyan
  - Krugman and Young Revisited: Sources of Productivity Growth in a World with Less Constraints  
by **Robin Sickles**
- 16:10-16:40**      **Coffee Break**
- 16:40-17:50**      **Parallel Session 1A**      **Conference Room 1**  
Chair: Shih-Hsun Hsu
- Recent Evidence on Agricultural Efficiency and Productivity in China: A Metafrontier Approach  
by **Supawat Rungsuriyawiboon** and Xiaobing Wang
  - [Agricultural Production Growth Assessment for Agro-economic Zones in Northern Thailand Using Statistical Data](#)  
by **Aree Wiboonpongse** and Yaovarate Chaovanapoonphol
  - Production efficiency of self-selected Jasmine rice producers in northern and northeastern Thailand  
by **Sanzidur Rahman**, Aree Wiboonpongse, Songsak Sriboonchitta and Yaovarate Chaovanapoonphol
- 16:40-17:50**      **Parallel Session 1B**      **Conference Room 2**  
Chair: Jeon-Dong Lee
- The Impact of Technology Strategies On Manufacturing Performance: An Empirical Study in Indonesia  
by **Dharma Tintri Ediraras** and E. Sussy Suhendra
  - R&D and Productivity of Asian Biotech firms: Application of Quantile Regression  
by **Yang Li** and Hsiao-Mai Lin
  - Learning-by-exporting and Productivity: An Analysis of Turkish Manufacturing Industry  
by Yilmaz Kilicaslan and **Levent Erdogan**
  - The Evolution of the Productivity Dispersion of Firms – A Reevaluation of Its Determinants in the Case of Japan  
by Keiko Ito and **Sébastien Lechevalier**

**16:40-17:50**

**Parallel Session 1C**

**Conference Room 3**

Chair: D.S. Prasada Rao

- Efficiency and Productivity of Microfinance: Incorporating the Role of Subsidies  
by **Ahmad Nawaz**
- Bootstrapping Efficiency and Malmquist Productivity Indices: An Application to  
Vietnamese Commercial Banks  
by **Nguyen Xuan Quang** and Bruno De Borger
- Deregulation and Productivity of the Vietnamese Non-Life Insurance Industry  
by **Pham Khac Dzung**
- The Productivity Growth of Chinese Banks: 1997-2006  
by **Kent Matthews** and Nina Zhang

**16:40-17:50**

**Parallel Session 1D**

**Conference Room 4**

Chair: Emmanuel Thanassoulis

- Using Data Envelopment Analysis (DEA) to Measure the Efficiency in University  
Departments  
by **Zalina Zahid**, Rasimah Aripin and Mohd. Nasir Taib
- Evaluation in Cost Efficiency in Thai Public Universities  
by **Songsak Sriboonchitta**
- Measuring The Relative Performance of College of Business in Taiwan Using AR/DEA  
Model  
by **Wei-Hsin Kong**, Tsu-Tan Fu and Mei-Ying Huang
- Technical Efficiency and Total Factor Productivity Growth in Chilean Higher Education  
by José F. Maripani, **Victor H. Moreira López** and Boris E. Bravo-Ureta

**18:30-20:30**

**Conference Reception**

**Recreation Hall**

**(4<sup>th</sup> Floor, Building For Humanities and Social Science)**

## DAY 2 — FRIDAY, JULY 18

*All presenters should arrive 10 minutes early to their session with their presentation on a USB/flash drive.  
Presenters are denoted in bold.*

<b>Time</b>	<b>Event</b>	<b>Location</b>
<b>09:30-10:30</b>	<b>Parallel Session 2A</b> Chair: Kaoru Tone	<b>Conference Room 1</b>
	<ul style="list-style-type: none"><li>- Application of Cost- Benefit Analysis and Data Envelopment Analysis to Evaluate the Municipal Solid Waste Management Projects in Metro Manila by <b>Ming-Lang Tseng</b>, Chin-Huang Huang, Anthony SF Chiu and Yuan Hsu Lin</li><li>- Government Administration Efficiency and Economic Efficiency for 23 Districts in Taiwan by <b>Yung-Ho Chiu</b>, Yu-Chuan Chen and Chin-Wei Huang</li><li>- Liberalization Policy, Production and Cost Efficiency in Taiwan's Telecommunications Industry by <b>Chao-Chung Kang</b></li></ul>	
<b>09:30-10:30</b>	<b>Parallel Session 2B</b> Chair: Cliff J. Huang	<b>Conference Room 2</b>
	<ul style="list-style-type: none"><li>- Centered-Residuals-Based Moment Tests for Stochastic Frontier Models by <b>Hung-Jen Wang</b> and Yi-Ting Chen</li><li>- Goodness of Fit Tests in Stochastic Frontier Models by Wei-Siang Wang, <b>Christine Amsler</b> and Peter Schmidt</li><li>- Impact of Policy Shift on Productivity, Efficiency Change and Technical Progress in Indian Textile Industry by <b>T.Linga Murugeswari</b> and V.Anbumani</li></ul>	
<b>09:30-10:30</b>	<b>Parallel Session 2C</b> Chair: Jong-Rong Chen	<b>Conference Room 3</b>
	<ul style="list-style-type: none"><li>- A New Approach to Measuring Productivity of Agricultural Insurance: The Case of Iran by <b>Habibollah Salami</b> and Marzieh Rostami</li><li>- The Effect of Ability to Access Finance on Productivity and Performance of SMEs in Indonesia by <b>Euphrasia Susy Suhendra</b> and Dharma Tintri E. Sudarsono</li><li>- Productivity Change and Policy Reform Effects in China's Agriculture Since 1979 by <b>Yanjie Zhang</b> and Bernhard Bruemmer</li></ul>	

<b>09:30-10:30</b>	<b>Parallel Session 2D</b> Chair: Tai-Hsin Huang	<b>Conference Room 4</b>
	<ul style="list-style-type: none"> <li>- Benchmarking the Efficiency of Indonesian Cooperatives by <b>Viverita</b> and Sigit S. Wibowo</li> <li>- The Economic Gains of the Merger Cases in Taiwan's Financial Industry: Scope Economy Measurement of the Financial Holding Companies by <b>Mei-Ying Huang</b> and Yan-Wei Lu</li> <li>- <b>Banking Risk and Efficiency: An Evidence from Commercial Banks of Pakistan</b> by <b>Shabbir Ahmad</b></li> </ul>	
<b>10:30-10:50</b>	<b>Coffee Break</b>	
<b>10:50-11:40</b>	<b>Keynote Session 2</b> Chair: Tim Coelli (University of Queensland, Australia)	<b>Conference Room 1</b>
	<ul style="list-style-type: none"> <li>- Comparisons of Real Income and Productivity Across Countries and Time – Meeting the Challenges by <b>Prasada Rao</b> (University of Queensland, Australia)</li> </ul>	
<b>11:40-11:50</b>	<b>Coffee Break</b>	
<b>11:50-12:40</b>	<b>Plenary Session 3</b> Chair: Finn Førsund	<b>Conference Room 1</b>
	<ul style="list-style-type: none"> <li>- Dynamic DEA: A Slacks-based Measure Approach by <b>Kaoru Tone</b> and Miki Tsutsui</li> <li>- Network DEA: Some Applications and Illustrations by Peter Bogetoft, Rolf Färe, <b>Shawna Grosskopf</b>, Kathy Hayes and Lori Taylor</li> </ul>	
<b>12:40-13:40</b>	<b>Lunch</b>	<b>Lecture Hall</b>

13:40-14:50

**Parallel Session 3A**

**Conference Room 1**

Chair: Diana H.A. Tsai

- Analysis of Regional Productivity Growth in China: A Generalized Metafrontier MPI Approach  
by Ku-Hsieh Chen, Yi-Ju Huang and **Chih-Hai Yang**
- [The Impacts of Industrial Transition and Structural Changes on Sustainable Development: the Empirical Studies of Taiwan Manufacturing Industries](#)  
by [Diana H.A. Tsai](#)
- What Determines the Opportunity Cost of Pollution Abatement? A Production Function Approach  
by **Ronald J. Shadbegian** and Wayne B. Gray
- What is the Impact of Emissions Trading on Productivity and Technical Change?  
by Cynthia Morgan, Carl A. Pasurka Jr., and **Ronald J. Shadbegian**

13:40-14:50

**Parallel Session 3B**

**Conference Room 2**

Chair: Chi-Yuan Liang

- Economic Stagnation and Productivity Slowdown in Japan  
by **Jiro Nemoto** and Mika Goto
- Industrial Structure Changes and the Measurement of Total Factor Productivity Growth: The Krugman-Kim-Lau-Young Hypothesis Revisited  
by **Chi-Yuan Liang**
- Economic Growth and disparity of Korean Regions: The Contribution of Technology, Capital accumulation and Human Capital  
by **Keunjae Lee** and Sang-Mok Kang

13:40-14:50

**Parallel Session 3C**

**Conference Room 3**

Chair: Yung-Ho Chiu

- Using Data Envelopment Analysis to Formulate a Stock Trading Strategies in Taiwan  
by **Shiuh-Nan Hwang** and Wang-Ching Chuang
- Fuzzy Efficiency in the Life Insurance Industry in Taiwan  
by **Lishu Ouyang** and Hwey-Chyi Lee
- Factor Intensity and Supply Chain Efficiency: An Efficiency Game Model  
by **Ming-Chung Chang** and Yung-Ho Chiu

- 13:40-14:50**      **Parallel Session 3D**      **Conference Room 4**  
Chair: Wen-Jen Tsay
- The Relationship between TQM Implementation and Corporate Competitiveness – An Empirical Industrial Level Study  
by Hsu-Hua Lee, Simon Wang, Sophia S.-C. Wang, **Andrew C. H. Lee**, Jacob Chen, Hank Lin and Ming-Tzong Wang
  - A Preliminary Study on the Effects of ISO 9000 Implementation and Corporate Productivity and Efficiency  
by Jacob Chen, Simon Wang, **Andrew C. H. Lee**, Sophia S.-C. Wang, Hsu-Hua Lee, R. Y. Chen and Ming-Tzong Wang
  - The Impacts of Quality Costs on Corporate Productivity and Efficiency – An Industrial Survey and an Empirical Case Study  
by Ming-Tzong Wang, Simon Wang, **Jerry J.-C. Chen**, Sophia S.-C. Wang, Jacob Chen, Yun-Hsuan Kan and Andrew C. H. Lee
- 14:50-15:10**      **Coffee Break**
- 15:10-16:20**      **Plenary Session 4**      **Conference Room 1**  
Chair: Peter Schmidt
- The Estimation of Industry-level Capital Stock for Emerging-Market and Transition Economies  
by **Hak K. Pyo**
  - Productivity Accounting  
by **C.A. Knox Lovell**
  - Industry Dynamics and Productivity Research  
by **Jeon-Dong Lee**
- 16:20-16:40**      **Coffee Break**
- 16:40-17:50**      **Parallel Session 4A**      **Conference Room 1**  
Chair: **Sanzidur Rahman**
- Measuring the Technical Efficiency of Indian Dairy Farms  
by **V. Saravanakumar**, D.K.Jain and Smita Sirohi
  - Determinants of Technical Efficiency of Organic Grassland Farming in Germany  
by **Sebastian Lakner**, Bernhard Brümmer and Stephan Von Cramon-Taubadel
  - Efficiency of Agriculture Sector in Asia: A Stochastic Frontier Analysis  
by **Jovita Laura M. Abara** and Emilyn C. Cabanda
  - Technical and Socio-economic Constraints to Duck Production in the Philippines: A Productivity Analysis  
by **Hui-Shung (Christie) Chang** and Rene Villano

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|--------------------|---|---|
| <b>16:40-17:50</b> | <b>Parallel Session 4B</b><br>Chair: Hak K. Pyo   | <b>Conference Room 2</b>  |
|                    | <ul style="list-style-type: none"> <li>- Productivity Spillovers from Foreign Direct Investment in Indian Manufacturing Firms by <b>Jong-Rong Chen</b>, V.pradeep and Mita Bhattacharya</li> <li>- Identifying and Estimating Sources of Total Factor Productivity Growth in Malaysian Manufacturing Industries by <b>Sangho Kim</b></li> <li>- Are Changes in a Thai Bank's Efficiency Reflected by Stock Price? by <b>Nakhun Thoraneenitiyan</b></li> <li>- An empirical Analysis of Growth of Korean Firms after the Asian Crisis: With a Focus on Technological Development by <b>Seok-Hyeon Kim</b></li> </ul> |   |
| <b>16:40-17:50</b> | <b>Parallel Session 4C</b><br>Chair: Suthathip Yaisawarnng  | <b>Conference Room 3</b>  |
|                    | <ul style="list-style-type: none"> <li>- Cost Efficiency of New York State Nursing Homes: A Frontier Analysis by Harold O. Fried, Shelton S. Schmidt and <b>Suthathip Yaisawarnng</b></li> <li>- Efficiency Analysis of Electric Cooperatives in the Philippines by Helena Agnes S. Valderrama and <b>Carlos C. Bautista</b></li> <li>- The Effects of Competition Policy on TFP Growth: Some Evidence from the Malaysian Electricity Supply Industry by <b>Kok Fong See</b> and Tim Coelli</li> </ul>  |   |
| <b>16:40-17:50</b> | <b>Parallel Session 4D</b><br>Chair: Jin-Li Hu  | <b>Conference Room 4</b>  |
|                    | <ul style="list-style-type: none"> <li>- FDI Horizontal and Vertical Effects on Local Firm Technical Efficiency by <b>Chuc D. Nguyen</b>, Gary Simpson, David Saal, Anh N. Nguyen and Ngoc Q. Pham</li> <li>- Impact of Technical Skill on Potato Production Efficiency in Thailand by <b>Aree Wiboonpongse</b>, Songsak Sriboonchitta and Thanet Sriwichailumphun</li> <li>- Analysis of Technical Efficiency and Strategic Alliances in Community-Based Enterprises in Northern Thailand by Phanin Nonthakot, <b>Renato Villano</b> and Wuan Fleming</li> </ul>   |   |
| <b>19:00-21:00</b> | <b>Conference Dinner</b>  | <b>Yangtse River, Dragon Hall</b><br><b>(3<sup>rd</sup> Floor, Howard Plaza Hotel Taipei)</b> |

## DAY 3 — SATURDAY, JULY 19

*All presenters should arrive 10 minutes early to their session with their presentation on a USB/flash drive.  
Presenters are denoted in bold.*

<b>Time</b>	<b>Event</b>	<b>Location</b>
<b>09:30-10:30</b>	<b>Parallel Session 5A</b> Chair: Chun-Hsiung Liao <ul style="list-style-type: none"><li>- Measuring Operational Efficiency of Mobile Operators in Japan and Korea by Chun-Hsiung Liao and <b>Hsing-Yung Lin</b></li><li>- Measuring Technical Efficiency and Input Congestion for Railway Transport Industry by <b>Erwin T. J. Lin</b> and Lawrence W. Lan</li><li>- Multi-criteria Decision-making for Evaluating Electricity Efficiency in the Philippines by <b>Ramon Posadas</b> and Emilyn Cabanda</li></ul>	<b>Conference Room 1</b>
<b>09:30-10:30</b>	<b>Parallel Session 5B</b> Chair: Deng-Shing Huang <ul style="list-style-type: none"><li>- <a href="#">Methodological Comparison between DEA (Data Envelopment Analysis) and DEA-DA</a> by <a href="#">Mika Goto</a> and Toshiyuki Sueyoshi</li><li>- Discriminating between DEA-efficient Units Using Bounded A&amp;P Model and Bounded MAJ Model by <b>Shinn Sun</b></li><li>- Data Envelopment Analysis as Nonparametric Least Squares Regression by Timo Kuosmanen and <b>Andrew L. Johnson</b></li></ul>	<b>Conference Room 2</b>
<b>09:30-10:30</b>	<b>Parallel Session 5C</b> Chair: Cheng-Ping Cheng <ul style="list-style-type: none"><li>- Performance Measurement of Broiler Farms in Thailand: A Non-Parametric Approach by <b>Wirat Krasachat</b></li><li>- Innovation Efficiency of Firms in China by <b>Nan-Ting Chou</b> and Renyong Chi</li><li>- Evaluating Combat Capability Using DEA and PCA by Choon Joo Lee and <b>Chin Hui Park</b></li></ul>	<b>Conference Room 3</b>
<b>09:30-10:30</b>	<b>Parallel Session 5D</b> Chair: Vei-Lin Chan <ul style="list-style-type: none"><li>- Does Technological Diversification Improve a Firm's Productivity?: The Case of Korean Firms by <b>Kineung Choo</b> and Keun Lee</li><li>- What are the Determinants on Survival?: Evidence from Mongolian Firms in 2003-2006 by <b>Jeong-Sook Han</b> and Jeong-Dong Lee</li></ul>	<b>Conference Room 4</b>

- Modeling the Efficiency of Mobile Service Sector in the East Asia Tigers – a Data Envelopment Analysis Approach  
by Chun-Hsiung Liao and **Yu-Ting Lu**

**10:30-10:50**      **Coffee Break**

**10:50-11:40**      **Keynote Session 3**      **Conference Room 1**  
Chair: Rolf Färe (Oregon State University, USA)

- Network Data Envelopment Analysis: Current Development and Future Research  
by **Chiang Kao** (National Cheng Kung University, Taiwan)

**11:40-11:50**      **Coffee Break**

**11:50-12:40**      **Plenary Session 5**      **Conference Room 1**  
Chair: Shawna Grosskopf

- Social Protection Performance in the European Union: Comparison and Convergence  
by **Tim Coelli**, Mathieu Lefèbvre and and Pierre Pestieau
- Productivity of Tax Offices in Norway  
by **Finn Førsund**, Sverre A. C. Kittelsen and Frode Lindseth

**12:40-13:40**      **Lunch**      **Lecture Hall**

**13:40-14:40**      **Parallel Session 6A**      **Conference Room 1**  
Chair: Wen-Fu Lee

- Economic Growth and Environment  
by **Shunsuke Managi**
- Changes in Productivity at the SUMA tax Offices  
by **Ramon Fuentes**
- Efficient Waste and Pollution Abatements for Regions in Japan  
by **Satoshi Honma** and Jin-Li Hu

**13:40-14:40**      **Parallel Session 6B**      **Conference Room 2**  
Chair: **Jiro Nemoto**

- Marginal Effect of Determinants of Cost Efficiency of Micro – Enterprise Operators in Nigeria: A Stochastic Frontier Approach  
by **Ogundari Kolawole**
- Adjustment of Inputs and Measurement of Technical Efficiency: A Dynamic Panel Data Analysis  
by **Aditi Bhattacharyya**
- Optimizing the Composition of Secondary Educational Stock: The Case of Taiwan

by **Yergali Dosmagambet**

**13:40-14:40**

**Parallel Session 6C**

**Conference Room 3**

Chair: Hung-Jen Wang

- Relative Efficiency of Money transfer Companies in the Philippines  
by **Ma. Socorro P. Calara**
- Bank Efficiency and the Market Structure: An Analysis for Turkey  
by Hasan Dudu and **Ozan Eruygur**
- Decomposing the Potential Gains of FCU amalgamations in Taiwan: A Stochastic Cost Frontier Model  
by Cliff J. Huang, **Tsu-Tan Fu**, Mei-Ying Huang and Yun-Chi Chen

**13:40-14:40**

**Parallel Session 6D**

**Conference Room 4**

Chair: Joan C. Lo

- The Productive Efficiency of the Health Care Sector of China: A Preliminary Analysis  
by **Ying Chu NG**
- Efficiency and Productivity of the Health Care System in Vietnam  
by Pinar Guven-Uslu and **Thuy Linh Pham**
- Allocative and Technical Inefficiency of Japanese Public Hospitals: An Input Distance System Approach  
by **Atsushi Fujii**

**14:40-15:00**

**Coffee Break**

**15:00-16:10**

**Parallel Session 7A**

**Conference Room 1**

Chair: Shunsuke Managi

- [Total-factor Energy Productivity of Regions in China](#)  
by **Jin-Li Hu** and Tzu-Pu Chang
- Environmental Productivity, Efficiency, and Shadow Price of the Manufacturing Sectors in Korea and China  
by **Sang-Mok Kang**, Moon-Hee Kim and Ju-Byung Lee
- The Influence of Corporate Governance on Performance : An Empirical Study of China's Steel Industry  
by Xue-Jie Bai, **Cheng-Ping Cheng**, Dong-Wei Zhang and Yu-Fen Liu

**15:00-16:10**

**Parallel Session 7B**

**Conference Room 2**

Chair: **Russel Cooper**

- Impact of Foreign Direct Investment on Malaysia's Productivity Growth  
by **Elsadig Musa Ahmed**
- The Hidden Productivity of IT - Macroeconomic Evidence

by **Russel Cooper**

- The Productivity Paradox : Evidence from Taiwan Service Economy Experience  
by **Tzu-Min Kao**, Chih-Cheng Lin, Jin-Duan Lai and Hsing-Chun Lin
- Agricultural Productivity Growth: A Record from Traditional and Transitional Economies  
in Asia  
by Supawat Rungsuriyawiboon and **Xiaobing Wang**

**15:00-16:10**

**Parallel Session 7C**

**Conference Room 3**

Chair: Chung-Shu Wu

- Including Customer Satisfaction Measures in Bank Branch Performance Assessment  
by **David Tripe**
- Study on Operational Efficiency of Bank under Taiwan Financial Holding Company and  
Independent Bank  
by **Wen-Rong Jerry Ho** and Wen-Fu Lee
- A DEA Approach to Explain Relative Productivity Performance of Indonesia's Rural  
Development Bank  
by **Viverita**

**15:00-16:10**

**Parallel Session 7D**

**Conference Room 4**

Chair: Yanrui Wu

- The Blind Men and the Elephant: A Review of TFP Growth Estimates for the Chinese  
Economy  
by **Yanrui Wu**
- Study on Innovation Performance in Chinese Manufacturing Industries  
by **Ruizhi Pang**, Xuejie Bai and Yang Hui
- Technical Progress, Resource Reallocation and Productivity Growth: Evidence from China  
Manufacturing with Firm-level Data  
by Yuhong Li, **Hao Wang** and Yuxin Zheng

**16:10-16:30**

**Coffee Break**

**16:30-17:30**

**Closing Remark**

**Conference Room 1**

Chair: Chic Schive

C.A. Knox Lovell  
Cliff J. Huang

**18:00-20:30**

**Farewell Dinner**

**North Cloud Café**

**(1<sup>st</sup> Floor, Center of Academic Activities)**