The 4th Asia-Pacific Innovation Conference

Local Hosts
College of Social Sciences, National Taiwan University
College of Law, National Taiwan University
College of Management, National Taiwan University
Department of Economics, National Taiwan University
Institute of Economics, Academia Sinica
School of Management, National Central University
National Science Council
CTBC Bank
Audix Group

Key Overseas Sponsors
Intellectual Property Research Institute of Australia, University of Melbourne
Center for Economic Catch-up, Seoul National University

Date December 6th (Friday) – 7th (Saturday), 2013
Venue National Taiwan University
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The 4th Asia-Pacific Innovation Conference

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Intellectual Property Research Institute of Australia, University of Melbourne
Center for Economic Catch-up, Seoul National University

Date December 6th (Friday) – 7th (Saturday), 2013
Venue National Taiwan University
College of Social Sciences, National Taiwan University is pleased to host the
4th Asia-Pacific Innovation Conference, in collaboration with a consortium of other
academic institutions, including College of Law, National Taiwan University, College of
Management, National Taiwan University, School of Management, National Central
University, and Institute of Economics, Academia Sinica.

The conference will bring together scholars, including doctoral students, working on
economics, management and law of innovation. It will foster an inter-disciplinary
exchange of knowledge. Sessions will include contributed papers, keynote
presentations and panel discussions.

Dates: December 6 (Friday) and 7 (Saturday), 2013
Venue: Tsai Lecture Hall, College of Law, National Taiwan University
The conference will be held in English.

Asia-Pacific Journal of Accounting & Economics (APJAE), an SSCI journal which is
co-edited by City University of Hong Kong and National Taiwan University, and
published by Taylor & Francis, plans to publish a special issue for the conference.
Submit your paper online at Taylor & Francis ScholarOne Manuscript site
(http://mc.manuscriptcentral.com/raae) and indicate it as a candidate for the special
issue called “Asia-Pacific Innovation Conference” on or before January 31, 2014.

Keynote and panel speakers
Branstetter, Lee Heinz College, Carnegie Mellon University
Dosi, Giovanni Institute of Economics, Sant’Anna School of Advanced Studies
Haskel, Jonathan Business School, Imperial College Business School
Jaffe, Adam Department of Economics, Brandeis University
Motohashi, Kazuyuki Department of Technology Management for Innovation,
The University of Tokyo
Nagaoka, Sadao Institute of Innovation Research, Hitotsubashi University
Tamura, Yoshiyuki School of Law, Hokkaido University
Webster, Beth Melbourne Institute of Applied Economic and Social Research, The University of Melbourne
Scope
The session topics would include:
- entrepreneurship and startups
- innovation and industry evolution
- management of technology
- intellectual property protection for innovation
- standards, alliance and consortia
- research and innovation funding
- university research and university industry collaborations
- science and technology policy in developing economies.

Scientific Committee
Aoki, Reiko Institute of Economic Research, Hitotsubashi University
Chen, Dar-Zen Department of Mechanical Engineering, National Taiwan University
Chen, Jong-Rong Graduate Institute of Industrial Economics, National Central University
Clarke, Thomas Business School, University of Technology Sydney
Frankel, Susy School of Law, Victoria University of Wellington
Huang, Mu-Hsuan Department of Library and Information Science, National Taiwan University
Jang, Show-Ling Department of Economics, National Taiwan University
Jensen, Paul Melbourne Institute of Applied Economic and Social Research, The University of Melbourne
Lee, Keun Department of Economics, Seoul National University
Li, Shu-Hsing Department of Accounting, National Taiwan University
Lin, Hui-Lin Department of Economics, National Taiwan University
Motohashi, Kazuyuku Department of Technology Management for Innovation, University of Tokyo
Nagaoka, Sadao Institute of Innovation Research, Hitotsubashi University
Shieh, Ming-Yan College of Law, National Taiwan University
Webster, Beth Melbourne Institute of Applied Economic and Social Research, The University of Melbourne
Wong, Poh-Kam Department of Strategy & Policy, National University of Singapore
Wu, Ho-Mou National School of Development, Peking University
Yang, Chih-Hai Department of Economics, National Central University
Local Organizing Committee and Secretary

Chair
Lin, Hui-Lin  
College of Social Sciences, National Taiwan University

Co-chair
Guo, Andy Ruey-Shan  
College of Management, National Taiwan University
Jang, Show-Ling  
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Peng, Shin-Kun  
Institute of Economics, Academia Sinica
Shieh, Ming-Yan  
College of Law, National Taiwan University

Program Committee Member
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Chen, Jong-Rong  
Graduate Institute of Industrial Economics, National Central University
Chen, Tain-Jy  
Department of Economics, National Taiwan University
Huang, Ching-I  
Department of Economics, National Taiwan University
Hwang, Hong  
Department of Economics, National Taiwan University
Liu, Bih Jane  
Department of Economics, National Taiwan University
Liu, Jin-Tan  
Department of Economics, National Taiwan University
Wu, Tsong-Min  
Department of Economics, National Taiwan University
Yang, Chih-Hai  
Department of Economics, National Central University

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E-mail: yhuang@ntu.edu.tw

Huang, Shu-hsuan
Kao, Szu-yu
Liang, Sylvia
Wang, Yi-Chen
Background

The 1st Asia Pacific Region Innovation Conference was held in University of Melbourne in January 2010. Given a rapidly growing number of scholars in the Asia-Pacific region interested in innovation issues, we envisage that we will host such conferences regularly, rotating among Asia-Pacific countries. Participating institutions include:

The Intellectual Property Research Institute of Australia, University of Melbourne
Institute of Innovation Research and Center for Intergenerational Studies (Institute of Economic Research), Hitotsubashi University, Japan
Research Institute of Economy, Trade and Industry, Japan
NUS Business School, National University of Singapore
IP Academy, Singapore
University of Auckland Business School
New Zealand Centre of International Economic Law (NZCIEL)
Faculty of Law, Victoria University of Wellington
College of Social Sciences, National Taiwan University
School of Management, National Central University
Seoul National University
Center for Economic Catch-up, KOREA
School of Management, Graduate University of Chinese Academy of Science
Intellectual Property Law Center, Drake University Law School
World Intellectual Property Organization (WIPO)
To learn more, visit the Asia Pacific Innovation Network website at http://ap-in.org
Keynote Speakers

Giovanni Dosi

Giovanni Dosi is a Professor of Economics and Director of the Institute of Economics at the Scuola Superiore Sant’Anna in Pisa. He serves concurrently as Co-Director of the task forces “Industrial Policy” and “Intellectual Property Rights” at Initiative for Policy Dialogue at Columbia University. Professor Dosi received his Ph. D. in Economics from the University of Sussex in 1983 and joined the Scuola Superiore Sant’Anna in 1998. He specializes in Economics of Innovation, Technological Change, Industrial Organization and Industrial Dynamics, among others. A selection of his works has been published in two volumes: *Innovation, Organization and Economic Dynamics. Selected Essays*, Cheltenham, Edward Elgar, 2000; and *Economic Organization, Industrial Dynamics and Development: Selected Essays*, Cheltenham, Edward Elgar, 2012.

Jonathan Haskel

Jonathan Haskel is a Professor of Economics at Imperial College Business School in the Organization & Management Group. He serves as research fellow of the Centre for Economic Policy Research and the Institute for the Study of Labor and an Associate Editor of *Economica*. He is also an elected member of the Council of the Royal Economic Society. His main research interests are Productivity, Innovation, Intangible Investment and Growth. Professor Haskel received his Ph. D. in Economics from London School of Economics. His latest papers have been published in *Journal of Urban Economics, Economics Letters, Oxford Review of Economic Policy, Oxford Bulletin of Economics and Statistics*, and so on.

Adam B. Jaffe

Adam Jaffe is a Fred C. Hecht Professor of Economics at Brandeis University, and Director of Motu Economic and Public Policy Research. Professor Jaffe received his Ph. D. in Economics from Harvard University in 1985. He served as Chair of Economics and Dean of the Faculty of Arts and Sciences at Brandeis, Associate Professor of Economics at Harvard University, and Senior Staff Economist at the President’s Council of Economic Advisers under President George H.W. Bush. Jaffe was a co-founder (with Josh Lerner of Harvard University and Scott Stern of M.I.T.) of the Innovation Policy and the Economy group of the National Bureau of Economic Research. His research focuses on Technological Innovation and Technology Diffusion, particularly as it affects environmental and energy technologies. His latest book chapters has been published by Oxford University Press, University of Chicago Press, Stanford Business Books, Edward Elgar, and so on.
Invited Speakers

Lee Branstetter

Lee Branstetter is a tenured Associate Professor of the Heinz School at Carnegie Mellon University. He has a joint appointment with the Department of Social and Decision Sciences (SDS). He is also a research associate of the National Bureau of Economic Research and serves as an associate editor of the *Journal of International Economics*. He received his Ph. D. in Economics from Harvard University in 1996. He served as the Senior Economist for International Trade and Investment for the President’s Council of Economic Advisors, and once served as a consultant to the OECD Science and Technology Directorate, the Advanced Technology Program of the U.S. Department of Commerce, and the World Bank. In recent years, he has been a research fellow of the Keio University Global Security Research Institute and a visiting fellow of the Research Institute of Economy, Trade, and Industry in Japan. His research interests include Economics of Technological Innovation, International Economics, Industrial Organization, and Economic Growth in East Asia, with a particular focus on China and Japan. His work has appeared in *American Economic Review*, *Quarterly Journal of Economics*, *RAND Journal of Economics*, and *Journal of International Economics*.

Kazuyuki Motohashi

Kazuyuki Motohashi is a Professor of Department of Technology Management for Innovation at the University of Tokyo. He serves concurrently as research fellow at Research Institute of Economy, Trade and Industry, and visiting researcher, National Institute of Science and Technology Policy. He received his Ph. D. in Business and Commerce from Keio University in 2000. His research interest covers a broad range of issues in Economic and Statistical Analysis of Innovation, including Economic Impacts of Information Technology, International Comparison of Productivity, National Innovation System focusing on science and industry linkages and SME innovation and entrepreneurship policy. His work has appeared in Japan and the World Economy, *Journal of Business Economics and Management*. He also publishes several policy discussant papers in RIETI, PRIETI.

Sadao Nagaoka

Sadao Nagaoka is a Professor of Institute of Innovation Research at Hitotsubashi University. He received his Ph. D. in Economics from Massachusetts Institute of Technology in 1990. He served as the Director of Institute of Innovation Research at Hitotsubashi University, Director of the Office for Russia and Eastern Europe at Ministry of International Trade and Industry of Japan. His research interests include
Invention and Innovation Process, the Effects of the Intellectual Property Rights on the Incentive and Efficiency of R&D, Design of Competition Policy for Promoting Dynamic Efficiency. His work has appeared in Handbook of the Economics of Innovation, and published by The National Academies Press, Palgrave Macmillan.

Yoshiyuki Tamura
Yoshiyuki Tamura is a professor of School of Law at Hokkaido University. He also serves as the Program Director of the Research Institute for Information Law & Policy at Hokkaido University. He received Ph. D. in Law from the University of Tokyo in 1987. His research interests include, but are not limited to, Copyright Law, Patent Law, Trademark Law and Unfair competition Law. He has published more than ten books on various topics of intellectual property (some of them have been published in several editions) and numerous law review articles. Besides, He has translated and published several articles in Japanese and frequently contributes to the ongoing debates concerning current debates on intellectual property law and policy.

Beth Webster
Beth Webster is a Professor of Melbourne Institute of Applied Economic and Social Research, and Director of Intellectual Property Research Institute of Australia. She serves concurrently for Council on Economic Policy, Advisory Group of Committee for Economic Development Australia and Committee for Economic Development Australia. She received her Ph. D. in Economics from University of Cambridge in 1996. Her research interests include Economics of Innovation, R&D and Intellectual Property, Labor Economics, Industrial Dynamics. Her work has appeared on RAND Journal of Economics, Oxford Economic Papers, Economic Papers, and so on.
# The 4th Asia-Pacific Innovation Conference Program

**Date**  
December 6th and 7th, 2013

**Venue**  
Tsai Lecture Hall, College of Law, National Taiwan University

## Day 1

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<td>8:00~8:50</td>
<td>Registration</td>
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| 8:50~9:10  | Welcome Remarks  
Hui-Lin Lin (National Taiwan University)  
Fang-Jen Lee (National Taiwan University)  
Beth Webster (The University of Melbourne)  
Ming-Yan Shieh (National Taiwan University) |
| 9:10~10:15 | Plenary Session I  
Keynote Speech  
Jonathan Haskel (Business School, Imperial College London)  
Invited Speech  
Kazuyuki Motohashi (Department of Technology Management for Innovation, University of Tokyo) |
| 10:15~10:35| Refreshment Break                            |
| 10:35~12:05| Parallel Session I  
1A Inventors and Scientists  
1B Globalization and Innovation  
1C Innovation and Firm Performance I  
1D Laws and IPRs I |
| 12:05~13:30| Lunch                                       |
| 13:30~14:35| Plenary Session II  
Keynote Session  
Giovanni Dosi (Institute of Economics, Scuola Superiore Sant'Anna)  
Invited Speech  
Yoshiyuki Tamura (School of Law, Hokkaido University) |
| 14:35~14:55| Break                                       |
| 14:55~16:25| Parallel Session II  
2A University-Industry-Research Institute Collaboration  
2B Patenting Strategy  
2C R&D Tax  
2D Strategy, Resources and Innovation |
<p>| 16:25~16:45| Refreshment Break                            |</p>
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| 16:45~18:15 | Parallel Session III  
3A R&D and Productivity  
3B Knowledge Spillover  
3C Patent System  
3D Financing and Innovation |
| 18:15- | Dinner |

### Day 2

<table>
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<th>Time</th>
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| 9:00~10:05 | Plenary Session III  
Keynote Speech  
Adam Jaffe (Department of Economics, Brandeis University)  
Invited Speech  
Beth Webster (Faculty of Business & Economics, The University of Melbourne) |
| 10:05~10:25 | Refreshment Break |
| 10:25~11:55 | Parallel Session IV  
4A Innovation Policy  
4B Innovation Theory  
4C Technology Transfer  
4D Laws and IPRs II |
| 11:55~13:30 | Lunch |
| 13:30~14:20 | Plenary Session IV  
Invited Speech  
Sadao Nagaoka (Institute of Innovation Research, Hitotsubashi University)  
Lee Branstetter (Heinz College, Carnegie Mellon University) |
| 14:20~14:40 | Refreshment Break |
| 14:40~16:10 | Parallel Session V  
5 A Technology Catching  
5 B Managing Innovation  
5 C Innovation and Firm Performance II  
5 D Knowledge Flow and Linkage |
| 16:10~17:30 | Poster Session |
| 18:00- | Dinner |
Day 1—December 6th (Friday)

8:00~8:50 Registration
8:50~9:10

Welcome Remarks
Venue: International Conference Hall, 1st Floor, College of Law

- Hui-Lin Lin (National Taiwan University)
- Fang-Jen Lee (National Taiwan University)
- Beth Webster (The University of Melbourne)
- Ming-Yan Shieh (National Taiwan University)

9:10~10:15

Plenary Session I
Venue: International Conference Hall, 1st Floor, College of Law

Chair: Beth Webster (The University of Melbourne)

- Jonathan Haskel (Business School, Imperial College London)
- Kazuyuki Motohashi (Department of Technology Management for Innovation, University of Tokyo)

10:15~10:35

Refreshment Break
Venue: Lobby, 1st Floor, College of Law

10:35 – 12:05 Parallel Session I

1A Inventors and Scientists
Venue: Room 1301, 3rd Floor, College of Law

Chair: Johathan Haskel (Imperial College London)

- The Deteriorating Career Prospects of Scientists (Catherine de Fontenay*, Kwanghui Lim, The University of Melbourne)
- Job Attitudes, Organizational Reward System and Innovation Performance of R&D Scientists and Engineers (Ya-Hui Lin*, National Taiwan University; Lena Lee, Poh-Kam Wong, National University of Singapore)
- Life-cycle Productivity of Industrial Inventors: How PhDs matter? (Koichiro Onishi*, Osaka Institute of Technology; Sadao Nagaoka, Hitotsubashi University)

1B Globalization and Innovation
Venue: Room 1302, 3rd Floor, College of Law

Chair: Shin-Kun Peng (Academia Sinica)

- Public Governance and National R&D Efficiency: An Application of Stochastic Distance Function Approach (Jin-Li Hu*, National Chiao Tung University; Chiang-Ping Chen, Taiwan Institute of Economic Research; Yi-Hsuan Tseng, National Chiao Tung University)
• Patenting and Exports of Biotechnology Products by China, India, Brazil and Argentina, 1995-2009 (Petr Hanel*, Université de Sherbrooke; Anthony Roger Amichia, Université de Sherbrooke; Pascal Lemelin, Observatoire des sciences et des technologies)
• Globalization and Technological Specialization: A Comparison Between Asian NIEs and Small European Economies (Poh Kam Wong*, Annette Singh, Yuen Ping Ho, National University of Singapore)

1C  Innovation and Firm Performance I  Venue: Room 1303, 3rd Floor, College of Law
Chair: Kamhon Kan (Academia Sinica)
• Does the Expansion of Chinese State-owned Enterprises Affect the Innovative Behavior of Private Enterprises? (Lei Cheng*, University of California Berkeley; Zhen Lei, Pennsylvania State University; Brian D. Wright, University of California Berkeley)
• R&D, Innovation, and Business Performance of Japanese Start-ups: A Comparison with Established Firms(Kenta Ikeuchi*, National Institute of Science and Technology Policy; Hiroyuki Okamuro, Hitotsubashi University)
• Why Could not Korean Firms Get the Same Success in the Telecom Equipment Sector as in the Mobile Handset Sector? (Tae-Young Park*, Hanyang University; Sung-Ho Rho, Sejong University)

1D  Laws and IPRs I  Venue: Room 1304, 3rd Floor, College of Law
Chair: Toshiyuki Tamura (Hokkaido University)
• A Comparative Study of Defensive Patent Aggregators (Jyh-An Lee*, National Chengchi University)
• Intellectual Property Protection for Innovation: Enforcement of Essential Patents and Technical Standards (Su-Hua Lee*, National Taipei University)
• Taking Soft Infrastructure Seriously: Networks, Antitrust and Open Approaches to Intellectual Property in High Technology (Carl Mair*, Leiden University)

12:05~13:30
Lunch  Venue: 1st Floor, College of Social Sciences
### 13:30~14:35

**Plenary Session II**

**Venue:** International Conference Hall, 1st Floor, College of Law

Chair: Hong Hwang (National Taiwan University; Editor of *Asia-Pacific Journal of Accounting & Economics*)

- Giovanni Dosi (Institute of Economics, Scuola Superiore Sant'Anna)
- Yoshiyuki Tamura (School of Law, Hokkaido University)

### 14:35~14:55

**Break**

### 14:55~16:25 Parallel Session II

#### 2A University-Industry-Research Institute Collaboration

**Venue:** Room 1301, 3rd Floor, College of Law

Chair: Ho-Mou Wu (Peking University)

- Academic Patenting and the Scientific Enterprise: Lessons from a Japanese University (René Carraz*, Université de Strasbourg)
- Patent Examination Outcomes and International Trade Flows (Paul Jensen*, Beth Webster, Alfons Palangkaraya, The University of Melbourne)
- Structural versus Organizational Factors Influencing the Propensity of Firms to Collaborate with Universities (Yuen-Ping Ho*, Poh-Kam Wong, Annette Singh, National University of Singapore)

#### 2B Patenting Strategy

**Venue:** Room 1302, 3rd Floor, College of Law

Chair: Sadao Nagaoka (Hitotsubashi University)

- How Valuable Are Bloking Patent Strategies (Katrin Hussinger*, Université du Luxembourg; Dirk Czarnitzki, Bart Leten, University of Leuven)
- Propensity to Patent in Weak Appropriability Regimes: Examination of Korean Patent Filings in China (Taehyun Jung*, Hanyang University)
- Patents and Trademarks: Empirical Evidence on ‘Evergreening’ from Australia (Hazel V. J. Moir*, Australian National University; Luigi Palombi, PalombiIP)

#### 2C R&D Tax

**Venue:** Room 1303, 3rd Floor, College of Law

Chair: Ming-Jen Lin (National Taiwan University)

- The Effectiveness of R&D Tax Credits: Cross-Industry Evidence (Russell Thomson*, The University of Melbourne)
- Thanks, But No Thanks: Companies' Response to R&D tax Credits (Stijn
Kelchtermans*, Daniel Neicu, University of Leuven; Peter Teirlinck, Hogeschool-Universiteit Brussels)


2D Strategy, Resources and Innovation

Venue: Room 1304, 3rd Floor, College of Law

Chair: Ryh-Song Yeh (Yuan Ze University)

- Strategic Orientation, Organizational Slack and the Interfirm Linkage Portfolio (Lin-Hua Lu*, National Cheng Kung University; Yi-Fen Huang, Dayeh University)

- Exploring the Determinants of Follow-up Patenting Behavior: Evidence of Top Bearings Companies in the World (Hsueh-Liang Wu*, National Taiwan University; Cheng-Yu Lee, Southern Taiwan University; J. Lin, National Taiwan University)

- Strategy and Resource-Capacity Alignment in New Product Development (Chung-Jen Chen*, Andy Ruey-Shan Guo, National Taiwan University; Yung-Chang Hsiao, Atomic Energy Council; Kae-Kuen Hu, National Taiwan University)

- Protection of Basic Research and R&D Incentives in an International Setting (Reiko Aoki*, Hitotsubashi University; Tina Kao, Australian National University)

16:25~16:45 Refreshment Break

Venue: Corridor, 3rd Floor, College of Law

16:45: 18:15 Parallel Session III

3A R&D and Productivity

Venue: Room 1301, 3rd Floor, College of Law

Chair: Giovanni Dosi (Scuola Superiore Sant'Anna)

- Innovation, Efficiency, Productivity and Intellectual Property Rights: Evidence from a BRIC Economy (Sunil Kanwar*, University of Delhi)

- Determinants of Quantitative and Qualitative Employment Growth: A Comparison between R&D-oriented and Other Start-ups in Japan (Hiroyuki Okamuro*, Hitotsubashi University; Masatoshi Kato, Kwansei Gakuin University)

- The Scientific Linkage between Patents and Firm Productivity: Evidence from Taiwanese Electronics Firm Level Panel Data (Jong-Rong Chen*, National Central University; Kamhon Kan, Academia Sinica; I-Hsuan Tung, National Central University)
### 3B Knowledge Spillover

**Venue: Room 1302, 3rd Floor, College of Law**

**Chair:** Lee Branstetter (Carnegie Mellon University)

- Impact of University Entrepreneurship Programs on Students' Entrepreneurial Engagement: The Moderating Effect of Student Attitudes and Perceptions (Poh-Kam Wong*, Yuen-Ping Ho, Pei-Chin Low, National University of Singapore)
- Explaining Inventors' Productivity Gain from Mobility: The Importance of Knowledge Obsolescence (Gaétan de Rassenfosse, The University of Melbourne)
- Inter-organizational Routines of Technological Innovation: A Case of International R&D (Sonya Wen*, Tamkang University)

### 3C Patent System

**Venue: Room 1303, 3rd Floor, College of Law**

**Chair:** Adam Jaffe (Brandeis University)

- Effects of Early Initiation of Patent Examination on the Examination Quality (Sadao Nagaoka*, Hitotsubashi University; Isamu Yamauchi, Research Institute of Economy, Trade and Industry)
- Examiner’s Workload and the Grant Decision of Patent Office (Yee Kyoung Kim*, Korea Institute of S&T Evaluation and Planning; Jun-Byoung Oh, Inha University)
- Financial Market Reaction and Prediction in Patent Litigations: A Case Study for South Korea (Junbuyong Oh*, Inha University; Zhen Sun, University of California at Berkeley; Kineung Choo, Republic of Korea Naval Academy)

### 3D Financing and Innovation

**Venue: Room 1304, 3rd Floor, College of Law**

**Chair:** Hung-Jen Wang (National Taiwan University)

- Shock Propagation via Banks' Syndicated Interconnectedness (Makoto Nirei*, Hitotsubashi University; Vladyslav Sushko, Bank for International Settlements)
- Heterogeneity of Capital Stocks: Classification by Factor Analysis (Konomi Tonogi*, Kanagawa University; Jun-ichi Nakamura, Kazumi Asako, Hitotsubashi University)
- Risk and Contract Design in the Market for Technology (Russell Thomson*, Beth Webster, Paul Jensen, The University of Melbourne)

### 18:15

**Welcome Party**

**Venue: 1st Floor, College of Social Sciences**
Day 2—December 7th (Saturday)

9:00~10:05

Plenary Session III  Venue: International Conference Hall, 1st Floor, College of Law

Chair: Yin-Wong Cheung (City University of Hong Kong; Editor of Asia-Pacific Journal of Accounting & Economics)

◆ Adam Jaffe (Department of Economics, Brandeis University)
■ Beth Webster (Faculty of Business & Economics, The University of Melbourne)

10:05~10:25

Refreshment Break  Venue: Lobby, 1st Floor, College of Law

10:25~11:55 Parallel Session IV

4A Innovation Policy  Venue: Room 1301, 3rd Floor, College of Law

Chair: Jong-Rong Chen (National Central University)

◆ Quality of Innovation on the Sidelines in Patenting Support Policies? (Mindaugas Kiskis*, Mykolas Romeris University)
◆ Tailoring Patent Policy for Developing Economies (Hazel V. J. Moir*, Australian National University; Ping-Kun Hsu, Tainan University of Technology)
◆ Science, Technology, Innovation and IP in India: New Directions and Prospects (Christine Greenhalgh*, University of Oxford)

4B Innovation Theory  Venue: Room 1302, 3rd Floor, College of Law

Chair: Kazuyuki Motohashi (The University of Tokyo)

◆ The Dilemma of Defensive Patenting (Jing-Yuan Chiou*, National Taipei University)
◆ A R&D Race with Knowledge Accumulation, Absorptive Capacity and Patent (Hsin-Mien Wang*, University of Bielefeld)
### 4C  Technology Transfer
**Venue:** Room 1303, 3rd Floor, College of Law

**Chair:** Reiko Aoki (Institute of Economic Research, Hitotsubashi University)

- Search Boundary, Novel Recombination, and Technological Breakthrough (Jeongsik Lee*, Hyun Ju Jung, Georgia Institute of Technology)
- Comparing the Management Practices and Firm Performance in Korean and Japanese Firms: An Empirical Study Using Interview Surveys (Tsutomu Miyagawa*, Gakushuin University; Keun Lee, Seoul National University; YoungGak Kim, Senshu University; Kazuma Edamura, The Japanese National Institute of Science and Technology Policy)
- International Technology Transfer between China and the Rest of the World (Daniel Nepelski*, Giuditta De Prato, Joint Research Centre, European Commission)

### 4D  Laws and IPRs II
**Venue:** Room 1304, 3rd Floor, College of Law

**Chair:** Ming-Yan Shieh (National Taiwan University)

- The Increasing Use of Regulatory Exclusive in the Pharmaceutical Industry (Emily M. Morris*, Indiana University)
- Elegy of Software Innovation in the Era of Electronic Commerce: Patent Eligibility of Business Method in terms of Comparative Perspective (Chung-Lun Shen*, National Chengchi University)
- Attribution of Liability for Misappropriation of Tangible and Intangible Things in Japan: To Change the Law or to Change the Minds (Branislav Hazucha*, Hsiao-Chien Liu, Toshihide Watabe, Hokkaido University)

#### 11:55~13:30
**Lunch**  
**Venue:** 1st Floor, College of Social Sciences

#### 13:30~14:20
**Plenary Session IV**  
**Venue:** International Conference Hall, 1st Floor, College of Law

**Chair:** Tain-Jy Chen (National Taiwan University)

- Sadao Nagaoka (Institute of Innovation Research, Hitotsubashi University)
- Lee Branstetter (Heinz College, Carnegie Mellon University)

#### 14:20~14:40
**Refreshment Break**  
**Venue:** Lobby, 1st Floor, College of Law
14:40 – 16:10 Parallel Session V

5A Technology Catching

Venue: Room 1301, 3rd Floor, College of Law

Chair: Eric S. Lin (National Tsing Hua University)

- Production Fragmentation and Technological Dynamics: Productivity Catch-up between Chinese and Taiwanese Electronics Firms (Ya-Pin Lyu*, Hui-Lin Lin, National Taiwan University; Chih-Hai Yang, National Central University)
- An Evolutionary Model of a Change in Industrial Leadership and Catch-up by Latecomers/Followers (Jeehoon Ki*, Keun Lee, Seoul National University)
- Technology Life Cycle and Specialization Patterns of Latecomer Countries: The Case of The Semiconductor Industry (Giorgio Triulzi*, Maastricht University)
- Diverse Entry and Catch-up Strategies of Firms under Different Demand Conditions: Evolutionary Economics Simulations (Minho Yoon*, Kyungbook National University; Keun Lee, Seoul National University; Jonghoon Park, Korean Broadcasting System)

5B Managing Innovation

Venue: Room 1302, 3rd Floor, College of Law

Chair: Ji-Ren Lee (National Taiwan University)

- Technological Capabilities of Chinese Enterprises: Who is Going to Compete Abroad? (Philipp Böing*, Elisabeth Müller, Frankfurt School of Finance & Management; Philipp Sandner, Technische Universitaet Muenchen)
- Awarding Scarce Ideas in Innovation Contests (Jun Xiao*, Nisvan Erkal, The University of Melbourne)
- In Search of An Alternative Technological Diversification Measure to the HHI-based Index (Jennifer Chen*, Nanhua University; Show-ling Jang, Yung-Hsu Tsui, National Taiwan University)
- Let's Make Software Patentableor Maybe Let's Not: Evidence from the Indian Software Industry (Christian Helmers*, Universidad Carlos III de Madrid; Markus Eberhardt, University of Nottingham; Marcel Fafchamps, University of Oxford; Manasa Patnam, Centre de Recherche en Économie et Statistique)

5C Innovation and Firm Performance II

Venue: Room 1303, 3rd Floor, College of Law

Chair: Tain-Jy Chen (National Taiwan University)

- Acquisitions, Productivity, and Profitability: Evidence from the Japanese Cotton Spinning Industry (Serguey Braguinsky*, Carnegie Mellon University; Atsushi Ohyama, Hokkaido University; Tetsuji Okazaki, University of Tokyo; Chad Syverson, University of Chicago)
- Firm-demographics and IPRs in Norwegian Firms (Eric Iversen*, Tore Sandven,
The Impact of Technological Legislation on Expediting Academic Entrepreneurship in New Industrialized Economy: The Case of Taiwan's Higher Education (Peter J. Sher*, Shihmin Lo, National Chi Nan University; Joseph L. Y. Che, Christ’s College)

5D Knowledge Flow and Linkage

Venue: Room 1304, 3rd Floor, College of Law

Chair: Hong Hwang (National Taiwan University; Editor of Asia-Pacific Journal of Accounting & Economics)

- Academic Advisors and their Ex-graduate Students: A Channel of Knowledge Diffusion (Kineung Choo*, Republic of Korea Naval Academy)
- Do Doctoral Degree and Prior Publication Matter? How Do They Vary across Countries? Science-Linkage and Technological Development in Laser Diodes (Hiroshi Shimizu*, Yasushi Hara, Hitotsubashi University)
- Effects of Social Capital in Cluster Innovation: The Case of Malaysia Sekinchan Paddy Cluster (Amirah Shazana Bt Magli*, Boon-Kwee Ng, Chan-Yuan Wong, University of Malaya)

16:10~17:30 Poster Session

Venue: Lobby, 1st Floor, College of Law

18:00

Farewell Party

Venue: LivingOne, Ming-Da Hall
Shuttle

Please note that shuttle buses to the conference venue will depart from the front of the Howard Plaza Hotel, JustSleep, Howard International House at 8:10am of the first day (December 6), and at 8:20am of the second day (December 7). These buses will be easily identified as they will have a sign “The 4th Asia-Pacific Innovation Conference” on the bus window.

The buses then will depart from banquet venues at 8:30pm on both nights of December 6 and December 7. These buses will be easily recognized as they will be tagged with the individual sign of these 3 hotels.

<table>
<thead>
<tr>
<th>Date</th>
<th>Departure</th>
<th>Starting Point</th>
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<tr>
<td>December 6</td>
<td>8: 10 am</td>
<td>Hotels</td>
<td>Tsai Lecture Hall, College of Law</td>
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<td>20: 30 pm</td>
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<td>December 7</td>
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<td>20:30 pm</td>
<td>LivingOne, Ming-Da Hall</td>
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1 College of Social Sciences: Dec. 6-Dec. 7 Lunch (1F)
   Dec. 6 Welcome Party (1F)
2 Tsai Lecture Hall, College of Law: Plenary Session (1F/2F)
   Parallel Session (3F)
3 LivingOne, Ming-Da Hall: Dec. 7 Farewell Party (1F)
The Asia-Pacific Journal of Accounting & Economics (APJAE) is an international forum intended for theoretical and empirical research in all areas of economics and accounting in general. The journal welcomes contributions related to the Asia Pacific region, and targets top quality research from scholars with diverse regional interests. The editors encourage submission of high quality manuscripts with innovative ideas.

Recent articles

Patent law, TRIPS, and economic growth: evidence from China
Belton M. Fleisher, William H. McGuire, Adam N. Smith & Mi Zhou

Trade and intellectual property rights as channels for economic growth
Kai Wu, Hong Cai, Renai Jiang & Gary H. Jefferson

Dividend increases and future earnings
Ashiq Ali & Oktay Urcan

A Dynamic Heckscher-Ohlin Model and Inferior Goods
Eric W. Bond, Kazumichi Iwasa & Kazuo Nishimura

The state of accounting research: objectives and implementation
Joshua Ronen
Aims & Scope

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