

# The 7th Asia-Pacific Innovation Conference

## Draft Program

<b>Friday, November 18</b>		
12:00-13:00 (12:00-17:00)	<b>Registration</b>	Shiiki Hall, <b>Kyushu University</b>
13:00-13:15	<b>Opening Remarks</b> <b>Opening Speech: Akiya Nagata</b> (Co-Chair of APIC2016; Kyushu University, Japan)  <b>Plenary Speech: Reiko Aoki</b> (Chair of APIC2016; Kyushu University, Japan)  <b>Welcome Speech: Masato Wakayama</b> (Executive Vice President; Kyushu University, Japan)	Main Hall
13:15-14:25	<b>Plenary Session 1</b> <b>Chair: Akiya Nagata</b> (Kyushu University, Japan)  <b>Keynote Lecture 1A: Frank Wolak</b> (Stanford University, USA) <i>Level versus Variability Trade-offs in Wind and Solar Generation Investments: The Case of California</i>  <b>Keynote Lecture 1B: Petros Sofronis</b> (Kyushu University, Japan; University of Illinois at Urban-Champaign, USA) <i>Engineering Carbon-Neutral Energy Solutions and Cultural Bridges Across the Pacific</i>	Main Hall
14:25-14:40	<b>Coffee Break</b>	
14:40-16:10	<b>Parallel Session 11A: Energy and Environment</b> <b>Chair: Frank Wolak</b> (Stanford University, USA)  <b>Invited Lecture 1: Basil Sharp</b> (University of Auckland, New Zealand) <i>New Zealand's Renewable Electricity Market: Evolution and Innovation</i>  <b>Invited Lecture 2: Jin-Li Hu</b> (National Chiao Tung University, Taiwan) <i>Can Renewables Be Mainstream?</i>	Main Hall
	<b>Parallel Session 11B: Essential Patents and Standards</b> <b>Chair: Peter Yu</b> (Texas A&M University, USA)	Lecture Theater 1

	<p><u>Justus Baron</u> (Northwestern University, USA) <i>The Causal Effect of Essential Patents on Follow-on Innovation Related to Technology Standards</i></p> <p>Ashish Bharadwaj (OP Jindal Global University, India) <i>Role of Non-Disclosure Agreements in Licensing of Standard Essential Patents</i></p> <p>Jianwei Dang (University of International Business Economics, China), <u>Byeongwoo Kang</u> (Institute of Developing Economies (IDE-JETRO), Japan) and Ke Ding (Institute of Developing Economies (IDE-JETRO), Japan) <i>Landscape of Standard Essential Patents: Case of East Asian Firms</i></p> <p>Sangoon Yang (Hanyang University, Korea) and <u>Taehyun Jung</u> (Hanyang University, Korea) <i>Changing Patterns of Patenting Strategy of Non-Practicing Entities in Mobile Telecommunication Technologies: an Examination of Standard Essential Patents</i></p>	
	<p><b>Parallel Session 11C: R&amp;D Collaboration</b> <b>Chair: Hiroshi Ohashi</b> (University of Tokyo, Japan)</p> <p><u>Masatoshi Kato</u> (Kwansei Gakuin University, Japan) <i>Internal R&amp;D and External Knowledge Acquisition of Start-up Firms: Exploring the Role of Entrepreneurial Human Capital</i></p> <p>Chia-Ling Lin (National Tsing Hua University, Taiwan), Eric S. Lin (National Tsing Hua University, Taiwan), Mai-Lan Lo (National Taiwan University, Taiwan) and <u>Hui-Lin Lin</u> (National Taiwan University, Taiwan) <i>The Innovation Activities, Cooperation and Output of Taiwanese SMEs - Comparison between Manufacturing and Service Industries</i></p> <p><u>JunByoung Oh</u> (Inha University, Korea) and YeeKyung Kim (KISTEP, Korea) <i>Ex-ante Patent Ownership and the Performance of R&amp;D collaboration</i></p> <p><u>Tohru Yoshioka-Kobayashi</u> (Hitotsubashi University, Japan; The University of Tokyo, Japan) and Toshiya Watanabe (The University of Tokyo, Japan) <i>Technology Absorption through Research Consortia and the Myth of Horizontal Cooperation in National Research Project</i></p>	Lecture Theater 3
	<p><b>Parallel Session 11D: Science Policy</b> <b>Chair: Edward Steinmueller</b> (University of Sussex, UK)</p> <p>Katrin Hussinger (University of Luxembourg, Luxembourg; Centre for European Economic Research, Germany; K.U. Leuven, Belgium) and <u>Maikel Pellens</u> (Centre for European Economic Research, Germany; K.U. Leuven, Belgium) <i>Guilt by Association</i></p> <p><u>Yoshi-aki Shimada</u> (National Graduate Institute for Policy Studies, Japan; Japan Science and Technology Agency, Japan), Naotoshi Tsukada (National Graduate Institute for Policy Studies, Japan) and Jun Suzuki (National Graduate Institute for Policy Studies, Japan) <i>Promoting Diversity of Science by Mission-oriented Research Grant in Japan</i></p>	Lecture Theater 5

16:10-16:25	<b>Coffee Break</b>	
16:25-17:35	<p><b>Plenary Session 2</b>  <b>Chair: Sadao Nagaoka</b> (Tokyo Keizai University, Japan)</p> <p><b>Keynote Lecture 2 A: Katsuhiko Hirose</b> (Toyota Motor Corporation; Kyushu University, Japan)  <i>Toward the Sustainable Society, Potential of Hydrogen and its Application</i></p> <p><b>Keynote Lecture 2B: Josh Lerner</b> (Harvard Business School, USA)  <i>Public Venture Capital</i></p>	Main Hall
17:45-19:00	<b>Moving:</b> Chartered bus leaves Ito campus for dinner venue	
19:00-21:00  (19:50-21:00)	<p><b>Welcome Reception</b></p> <p><b>Roundtable: Energy Market Design and Innovation</b>  <b>Chair: Toshihiro Matsumura</b> (University of Tokyo, Japan; Member of Regulatory Reform Council and Member, WG of Green Innovation, Committee of Regulation and Institution Reform of Government Revitalization Unit)</p> <p><b>Speakers:</b>  <b>Tatsuo Hatta</b> (President of Asian Growth Research Institute, Japan; Chairman of Electricity and Gas Market Surveillance Commission, Japan)</p> <p><b>Basil Sharp</b> (Director of the Energy Centre, University of Auckland, New Zealand)</p> <p><b>Hiroaki Watanabe</b> (Kyushu University, Japan)</p> <p><b>Frank Wolak</b> (Stanford University, USA; Director of the Program on Energy and Sustainable Development; Former Chair of the Market Surveillance Committee of the California Independent System Operator for electricity supply industry in California (January 1, 1998 to March 31, 2011))</p>	Hakata Hyakunengura

## Saturday, November 19

8:30-8:45 (8:30-17:00)	<b>Registration</b>	International Conference Hall, <b>ACROS Fukuoka</b>
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8:45-9:55	<p><b>Parallel Session 21A: Empirical Research on Innovation</b>  <b>Chair: Hui-Lin Lin</b> (National Taiwan University, Taiwan)</p> <p><b>Invited Lecture 3: Beth Webster</b> (Swinburne University of Technology, Australia)  <i>Have Trademarks Become Deceptive?</i></p> <p><b>Invited Lecture 4: Hiroshi Ohashi</b> (University of Tokyo, Japan)  <i>Bargaining power, regulation, and innovation incentives: Evidence from medical devices</i></p>	International Conference Hall
	<p><b>Parallel Session 21B: Topics in Innovation Theory: Technology, Entry and Experimentation</b>  <b>Organizer: Joanna Poyago-Theotoky</b> (La Trobe University, Australia and GEOLAB, Greece)</p> <p><b>Chair: Reiko Aoki</b> (Kyushu University, Japan)</p> <p>Francis Bloch (Paris School of Economics, France), Simona Fabrizi (University of Auckland, New Zealand) and <u>Steffen Lippert</u> (University of Auckland, New Zealand)  <i>Learning, Entry and Competition with Uncertain Common Entry Costs</i></p> <p><u>Soo Keon Yong</u> (International Business School Suzhou, China)  <i>Managerial Environmental Incentives under Emissions Tax</i></p> <p>Marta Aloi (University of Nottingham, UK), Frederic Tournemaine (Chulalongkorn University, Thailand) and <u>Joanna Poyago-Theotoky</u> (La Trobe University, Australia and GEOLAB, Greece)  <i>R&amp;D led Growth and Economic Geography</i></p>	Conference Room 606
	<p><b>Parallel Session 21C: National and Regional Innovation Performance</b>  <b>Chair: Keun Lee</b> (Seoul National University, Korea)</p> <p><u>Arif Hartono</u> (Islamic University of Indonesia, Indonesia; The University of Warwick, UK)  <i>What Hamper Innovation of Indonesian Manufacturing Firms?: Insight from the Indonesia Innovation Survey</i></p> <p><u>Gayathri Haridas</u> (Nanyang Technological University, Singapore)  <i>Academic Motivations and Barriers to University-Industry Collaborations in Singapore</i></p> <p>Melindee Hastie (The University of Melbourne, Australia), Simon Pervan (Swinburne University of Technology, Australia), Alfons Palangkaraya (Swinburne University of Technology, Australia), and <u>T'Mir Julius</u> (Swinburne University of Technology, Australia)  <i>Consumer Insight and Patent Keyword analysis as a Predictor for Market Success</i></p>	Conference Room 607
	<p><b>Parallel Session 21D: Procurement, R&amp;D Subsidy and Governance</b>  <b>Chair: Noriaki Matsushima</b> (Osaka University, Japan)</p> <p><u>Dirk Czarnitzki</u> (KU Leuven, Belgium; Centre for European Economic Research, Germany), Paul Hünermund (KU Leuven, Belgium; Centre for European Economic Research, Germany) and Nima Moshgbar (KU Leuven, Belgium)  <i>Public Procurement as Policy Instrument for Innovation</i></p>	Conference Room 608

	<p><u>Illoong Kwon</u> (Seoul National University, Korea) and Chang-Young Park (Seoul National University, Korea) <i>Corporate Governance and Efficiency of Government R&amp;D Grants</i></p> <p><u>Xin Yu</u> (Ritsumeikan University, Japan) <i>Management of User Founded Innovative Firms: An Exploratory Study</i></p>	
9:55-10:15	<b>Coffee Break</b>	
10:15-11:25	<p><b>Plenary Session 3</b> <b>Chair: Akira Goto</b> (University of Tokyo, Japan)</p> <p><b>Keynote Lecture 3A: Edward Steinmueller</b> (University of Sussex, UK) <i>Energy and Socio-Technical Systems: A Historical View</i></p> <p><b>Keynote Lecture 3B: Keun Lee</b> (Seoul National University, Korea) <i>IPRs and Economic Development at firm, sector and country levels: A latecomer perspective</i></p>	International Conference Hall
11:30-13:00  (12:10-12:40)	<p><b>Lunch</b></p> <p><b>Guest Speech: Kazunari Sasaki</b> (Kyushu University, Japan) <i>Title to be confirmed</i></p>	Nishitetsu Inn Fukuoka BLOSSO
13:20-14:50	<p><b>Parallel Session 22A: Innovation and Institutions</b> <b>Chair: Jay Pil Choi</b> (Michigan State University, USA; Hitotsubashi University, Japan)</p> <p><b>Invited Lecture 5: Toshihiro Matsumura</b> (University of Tokyo, Japan) <i>Long-Run Welfare Effect of Energy Conservation Regulations</i></p> <p><b>Invited Lecture 6: Ivan Png</b> (National University of Singapore, Singapore) <i>Secrecy and Patents: Evidence from the Uniform Trade Secrets Act</i></p>	International Conference Hall
	<p><b>Parallel Session 22B: Electricity Demand and Network: Experience from Japan</b> <b>Organizer: Hiroshi Ohashi</b> (University of Tokyo, Japan)</p> <p><b>Chair: Basil Sharp</b> (University of Auckland, New Zealand)</p> <p><u>Daiya Isogawa</u> (University of Tokyo, Japan) and Hiroshi Ohashi (University of Tokyo, Japan) <i>Effects of Dynamic Electricity Pricing on Residential Customers</i></p> <p><u>Keisuke Yoshihara</u> (University of Tokyo, Japan) and Hiroshi Ohashi (University of Tokyo, Japan) <i>Economic Evaluation of Power Source Mix: Analysis of Japanese Electricity Transmission Network</i></p>	Conference Room 606
	<p><b>Parallel Session 22C: Energy and IP</b> <b>Chair: Carsten Fink</b> (World Intellectual Property Organization, Switzerland)</p> <p><u>Phan Quoc Nguyen</u> (Vietnam National University, Vietnam) <i>Vietnam' Green Growth Based on the Development of University Intellectual Properties</i></p>	Conference Room 607

	<p><u>Jong-Rong Chen</u> (National Central University, Taiwan) and Li-Tzu Yeh (Kinpo Electronics, INC, Taiwan) <i>The Determinants of Patent Citation Network: The Case of Photovoltaic</i></p>	
	<p><b>Parallel Session 22D: Industrial Growth and Innovation Capability</b> <b>Chair: Yann Ménière</b> (European Patent Office, Germany)</p> <p><u>Atsushi Ohyama</u> (Hitotsubashi University, Japan) <i>Industry Growth Through Acquisitions and Spinoffs</i></p> <p><u>Haoyu Zhang</u> (Zhejiang University, China), Xiaobo Wu (Zhejiang University, China) and Hongqi Xu (Zhejiang University, China) <i>Someone Rises Someone Falls: Exercise of Dynamic Capability vs ad hoc Problem Solving when Facing Similar Challenge from Intellectual Properties</i></p> <p><u>Hiroyuki Okamuro</u> (Hitotsubashi University, Japan) and Junichi Nishimura (Gakushuin University, Japan) <i>The Variety of Regional Innovation Policies in Japan: Some Empirical Evidence on its Patterns and Factors</i></p> <p><u>Kaoru Suzuki</u> (Hitotsubashi University, Japan) <i>New Approach for Analyzing Industrial Dynamics: A Case Study of Electronic Paper Business</i></p>	Conference Room 608
14:50-15:20	<b>Coffee Break</b>	
15:20-16:50	<p><b>Parallel Session 23A: Theory</b> <b>Chair: Ivan Png</b> (National University of Singapore, Singapore)</p> <p><b>Invited Lecture 7: Simona Fabrizi</b> (University of Auckland, New Zealand) <i>Incentives to Innovate, R&amp;D and Market Entry</i></p> <p><b>Invited Lecture 8: Noriaki Matsushima</b> (Osaka University, Japan) <i>Strategic Sourcing as a Driver for Free Revealing of Innovation</i></p>	International Conference Hall
	<p><b>Parallel Session 23B: Innovation Policy for New Energy Supplies</b> <b>Chair: Can Huang</b> (Zhejiang University, China)</p> <p><u>Shinto Teramoto</u> (Kyushu University, Japan), Toshihide Tsuji (NPO Hydro Energy Research Institute, Japan) and Mitsugu Nagoya (NPO Hydro Energy Research Institute, Japan) <i>Designing a New Regulatory Scheme to Realize Distributed Energy Supply</i></p> <p>Marc Baudry (University Paris Ouest Nanterre La Defense, France) and <u>Beatrice Dumont</u> (University Paris XIII Sorbonne Paris Cité, France) <i>Market Maturity, Patent Renewals and the Pace of Innovation: The Case of Wind Power in Germany</i></p> <p><u>Kenji Asano</u> (Central Research Institute of Electric Power Industry, Japan) and Yaichi Aoshima (Hitotsubashi University, Japan) <i>An Analysis on the Impact of the Rooftop Solar Photovoltaic Subsidy in Japan</i></p>	Conference Room 606
	<p><b>Parallel Session 23C: Technology Transfer</b> <b>Chair: Hiroyuki Okamuro</b> (Hitotsubashi University, Japan)</p>	Conference Room 607

	<p><u>Nobuya Fukugawa</u> (Tohoku University, Japan) and Akira Goto (Japan Patent Office, Japan) <i>Problem Solving and Intermediation by Kosetsushi in Regional and Sectoral Innovation Systems: The First Report on a Branch-Level Survey on Technical Consultation</i></p> <p><u>Mae Durongkaveroj</u> (The University of Tokyo, Japan) <i>The Effectiveness of Technology Transfer Under Different Inter-Firm Linkages</i></p> <p><u>Patarapong Intarakumnerd</u> (National Graduate Institute for Policy Studies, Japan) and Akira Goto (National Center for Industrial Property Information and Training (INPIT), Japan Patent Office, Japan) <i>Role of Public Research Institutes in National Innovation Systems in Industrialized Countries: The Cases of Fraunhofer, NIST, CSIRO, AIST, and ITRI</i></p>	
	<p><b>Parallel Session 23D: Design of IP Law and System</b> <b>Chair: Masabumi Suzuki</b> (Nagoya University, Japan)</p> <p><u>Wei Hu</u> (The University of Tokyo, Japan) and Toshiya Watanabe (The University of Tokyo, Japan) <i>Patent Infringement Award: Is it an Effective Legal Remedy for Patent Holders?</i></p> <p>Carsten Fink (World Intellectual Property Organization, Switzerland), <u>Intan Hamdan-Livramento</u> (World Intellectual Property Organization, Switzerland), Deunden Nikomborirak (Thailand Development Research Institute, Thailand), Weerawan Paibunkott-Aree (Thailand Development Research Institute, Thailand) and Julio Raffo (World Intellectual Property Organization, Switzerland) <i>Using Utility Model Protection in Thailand</i></p> <p><u>Chenle Li</u> (University of International Business and Economics, China) and Jingyi Ye (Peking University, China) <i>Patent Disclosure, Spillover and the Private Value of Patents</i></p> <p><u>Tetsuo Wada</u> (Gakushuin University, Japan) <i>Divergent Rejection Reasons and Grant Decisions: Evidence from the Trilateral Patent Offices</i></p>	Conference Room 608
16:50-17:50	<b>Break</b>	
17:50-18:50	<b>Walking Tour</b> (moving from ACROS Fukuoka to Hotel Okura Fukuoka)	
19:00-21:00	<b>Banquet</b>	Hotel Okura Fukuoka

## Sunday, November 20

8:30-8:45 (8:30-17:00)	<p><b>Registration</b></p>	International Conference Hall, <b>ACROS Fukuoka</b>
8:45-10:15	<p><b>Parallel Session 31A: Competition Policy for Innovation</b>  <b>Chair: Sadao Nagaoka</b> (Tokyo Keizai University, Japan)</p> <p><u>Jay Pil Choi</u> (Michigan State University, USA and HIAS; Hitotsubashi University, Japan) and Heiko Gerlach (University of Queensland, Australia)  <i>IP for IP as an Optimal Cross-Licensing Arrangement: Collusion vs. Entry-Deterrence</i></p> <p><u>Yongrae Cho</u> (Science and Technology Policy Institute, Korea), Hyeokseong Lee (Korea Advanced Institute of Science and Technology, Korea) and Myoungsun Jeong (Mokwon University, Korea)  <i>Coopetition Strategy for Industrial Leadership in OLED Market: Network and Strategic Group Map</i></p> <p><u>Yunyun Wan</u> (Hitotsubashi University, Japan)  <i>Pharmaceutical patents, generic entry and reverse payment settlements</i></p>	International Conference Hall
	<p><b>Parallel Session 31B: Trademarks</b>  <b>Chair: Yuka Ohno</b> (Hokkaido University, Japan)</p> <p><u>Mitchell Adams</u> (Swinburne University of Technology, Australia)  <i>Dual Protection: The Neglected Trade Mark/Designs Overlap</i></p> <p><u>Stephen Petrie</u> (Swinburne University of Technology, Australia)  <i>Identifying Internationally Linked Trademark Applications Using a Machine Learning Algorithm</i></p> <p><u>Hsiu-Li Chen</u> (Ming Chuan University, Taiwan)  <i>The Impacts of Brand Relationship and Social Network Site on Offline-to-Online Purchase Behavior</i></p> <p><u>Miwa Ono</u> (Hitotsubashi University, Japan)  <i>Disclosure of Non-Financial Information and Innovation: Analysis of Disclosed Information about Sustainability Activities of the Apparel Industry</i></p>	Conference Room 606
	<p><b>Parallel Session 31C: Effects of Recessions and Licensing</b>  <b>Chair: Alan Marco</b> (United States Patent and Trademark Office, USA)</p> <p><u>Carsten Fink</u> (World Intellectual Property Organization, Switzerland), Mosahid Khan (World Intellectual Property Organization, Switzerland) and Hao Zhou (World Intellectual Property Organization, Switzerland)  <i>The Global Patent Surge and the Great Recession</i></p> <p><u>Martin Hud</u> (Maastricht University, Netherlands; Centre for European Economic Research, Germany) and Martin Carree (Maastricht University, Netherlands)  <i>Do Start-Ups Benefit from R&amp;D Investment During Recessions? A Comparison between Germany and the USA</i></p>	Conference Room 607



	<p>Huijun Shen (Zhejiang University, China), <u>Can Huang</u> (Zhejiang University, China) and Hao Mao (State Intellectual Property Office of China, China) <i>To License or Sell: A Study on the Patent Transaction Modes in China</i></p> <p>Kuo-Feng Kao (Tamkang University, Taiwan) and <u>Hong Hwang</u> (National Taiwan University, Taiwan) <i>Input Price Discrimination, Technology Licensing and Social Welfare</i></p>	
	<p><b>Parallel Session 31D: International R&amp;D Activities</b> <b>Chair: Jin-Li Hu</b> (National Chiao Tung University, Taiwan)</p> <p><u>Olena Ivus</u> (Queen's University, Canada), Walter Park (American University, USA) and Walter Park (Vanderbilt University, USA) <i>Patent Protection and the Industrial Composition of Multinational Activity: Evidence from U.S. Multinational Firms</i></p> <p><u>Naotoshi Tsukada</u> (National Institute of Science and Technology Policy and RIETI, Japan) and Sadao Nagaoka (Tokyo Keizai University and RIETI, Japan) <i>Combining Knowledge and Capabilities across Borders and Nationalities: Evidence from the Inventions Applied through PCT</i></p> <p>Paul Jensen (University of Melbourne, Australia), <u>Alfons Palangkaraya</u> (Swinburne University of Technology, Australia) and Elizabeth Webster (Swinburne University of Technology, Australia) <i>The effect of patent on the intensive and extensive margins of trade</i></p> <p>Benedikt Herz (Directorate General for Internal Market, Industry, Entrepreneurship and SMEs, European Commission, Belgium) and <u>Russell Thomson</u> (Swinburne University of Technology, Australia) <i>Foreign Direct Investment in Point-of-Sale Activities</i></p>	Conference Room 608
10:15-10:35	<b>Coffee Break</b>	
10:35-12:05	<p><b>Parallel Session 32A: Impact of International Trade on Innovation</b> <b>Chair: Hong Hwang</b> (National Taiwan University, Taiwan)</p> <p>Sajal Lahiri (Southern Illinois University, USA) and <u>Yingyi Tsai</u> (National University of Kaohsiung, Taiwan) <i>Foreign Penetration and Environmental Policies</i></p> <p><u>Nobuaki Yamashita</u> (Royal Melbourne Institute of Technology, Australia; Keio University, Japan) and Isamu Yamauchi (Meiji Gakuin University and RIETI, Japan) <i>Japanese Firms' Innovation Responses to the Chinese Import Competition: Evidence from the Patent Data</i></p> <p><u>John Webb</u> (Swinburne University of Technology, Australia), Adam Finch (CSIRO Waite campus, Australia), T'Mir Julius (Swinburne University of Technology, Australia) and Tom Spurling (Swinburne University of Technology, Australia) <i>Recent STI Collaboration between India and Australia: an Assessment</i></p> <p><u>Jingbo Cui</u> (Wuhan University, China), Xueli Zhang (Nanyang Technological University, Singapore) and Ziyin Zhuang (Wuhan University, China) <i>Do Exports Facilitate Innovation: Evidence from Chinese Firm-Level Data</i></p>	International Conference Hall

	<p><b>Parallel Session 32B: Financial Constraints and Funding</b>  <b>Chair: Dirk Czarnitzki</b> (KU Leuven, Belgium)</p> <p><u>Anthony Howell</u> (Peking University, China)  <i>Firm R&amp;D, Innovation and Easing Financial Constraints in China: Does Corporate Tax Reform Matter?</i></p> <p><u>Yasuhiro Arai</u> (Kochi University, Japan) and <u>Kohei Kawamura</u> (University of Edinburgh, UK)  <i>Subsidies and Self-Funding</i></p>	<p>Conference Room 606</p>
	<p><b>Parallel Session 32C: Organizational Design for Innovation</b>  <b>Chair: Paul Jensen</b> (University of Melbourne, Australia)</p> <p><u>Cornelia Lawson</u> (University of Tokyo, Japan; University of Cambridge, UK), <u>Hanna Hottenrott</u> (Technische Universität München, Germany) and <u>Sotaro Shibayama</u> (University of Tokyo, Japan)  <i>Multiple Affiliations in Scientific Research: Evidence from Germany, Japan and the UK</i></p> <p><u>Shoko Haneda</u> (Chuo University, Japan) and <u>Keiko Ito</u> (Senshu University, Japan)  <i>The Effect of Organizational and Human Resource Management on Innovation</i></p> <p><u>Naoki Takada</u> (Hitotsubashi University, Japan)  <i>How Brakes the Path: Technological Diversification and the Role of Deviants</i></p> <p><u>Jeongsik “Jay” Lee</u> (Drexel University, USA), <u>Hyunwoo Park</u> (Georgia Institute of Technology, USA) and <u>Michael A. Zaggl</u> (Technical University of Munich, Germany)  <i>I'm Doing This For You (And For Me): Career Concern as Motivation in Online Collaboration Communities</i></p>	<p>Conference Room 607</p>
	<p><b>Parallel Session 32D: Innovation Performance of Firms</b>  <b>Chair: Steffen Lippert</b> (University of Auckland, New Zealand)</p> <p><u>Hiroshi Shimizu</u> (Hitotsubashi University, Japan), <u>Yasushi Hara</u> (National Graduate Institute for Policy Studies, Japan), <u>Ryuji Nitta</u> (Hitotsubashi University, Japan), <u>Meng Li</u> (Hitotsubashi University, Japan) and <u>Shotaro Yamaguchi</u> (Hitotsubashi University, Japan)  <i>How R&amp;D Performance is Degraded by Rivals? Longitudinal Analysis on Japanese Firms based on Patent Data, and Research and Development Survey</i></p> <p><u>Siwei Cao</u> (Beijing Normal University, China), <u>Zhen Lei</u> (Penn State University, USA) and <u>Brian Wright</u> (University of California at Berkeley, USA)  <i>Speed of Patent Protection, Rate of Technical Knowledge Obsolescence and Optimal Patent Strategy: Evidence from Innovations Patented in the US, China and Several Other Countries</i></p> <p><u>Jingyi Ye</u> (Peking University, China), <u>Jia Lin</u> (China Europe International Business School, China) and <u>Pengfei Zhang</u> (Peking University, China)  <i>Basic Research Spillovers, Firm Innovation and Performance</i></p>	<p>Conference Room 608</p>

12:05-13:50  (12:30-13:40)	<p><b>Lunch</b></p> <p><b>Roundtable by the Chief Economists of the WIPO, the USPTO, and the EPO: Expanding the Research Frontiers on Economic Role of IPRs</b>  <b>Chair: Stuart Graham</b> (Georgia Institute of Technology, USA; Former Chief Economist of the U. S. Patent and Trademark Office)</p> <p><b>Speakers:</b>  <b>Carsten Fink</b> (Chief Economist, World Intellectual Property Organization, Switzerland)</p> <p><b>Yann Ménière</b> (Chief Economist, European Patent Office, Germany)</p> <p><b>Alan Marco</b> (Chief Economist, United States Patent and Trademark Office, USA)</p> <p><b>Sadao Nagaoka</b> (Advisor, Japan Patent Office, Japan)</p>	International Conference Hall
13:50-15:35	<p><b>Plenary Session 4</b>  <b>Chair: Thomas Clarke</b> (University of Technology, Sydney, Australia)</p> <p><b>Keynote Lecture 4A: Julia Lane</b> (New York University, USA)  <i>New Ways to Measure Innovation and Diffusion</i></p> <p><b>Keynote Lecture 4B: Adam Jafee</b> (Motu Economic and Public Policy Research, New Zealand; Queensland University of Technology, Australia)  <i>Technology Policy for Climate Change Mitigation</i></p> <p><b>Keynote Lecture 4C: Stuart Graham</b> (Georgia Institute of Technology, USA)  <i>Business Dynamics of Innovating Firms: Linking U.S. Patents with Administrative Data on Workers and Firms</i></p>	International Conference Hall
15:35-15:45	<p><b>Announcement of APIC 2017</b>  Adam Jafee (Motu Economic and Public Policy Research, New Zealand)</p> <p><b>APIC 2016 Remarks</b>  Sadao Nagaoka (Tokyo Keizai University, Japan)</p>	International Conference Hall
15:45-16:05	<b>Coffee Break</b>	
16:05-17:35	<p><b>Parallel Session 33A: Patent Examination</b>  <b>Organizer: Sadao Nagaoka</b> (Tokyo Keizai University, Japan)</p> <p><b>Chair: Adam Jafee</b> (Motu Economic and Public Policy Research, New Zealand; Queensland University of Technology, Australia)</p> <p>Yoshimi Okada (Hitotsubashi University, Japan), Yusuke Naito (Hitotsubashi University, Japan) and <u>Sadao Nagaoka</u> (Tokyo Keizai University, Japan)  <i>Contribution of Patent Examination to Making the Patent Scope Consistent with the Invention: Evidence from Japan</i></p> <p><u>Yoshimi Okada</u> (Hitotsubashi University, Japan)  <i>Effects of Quality Improvement in International Search Reports on Patent Applicants' Behavior: Evidence from Examination Policy Change in the Japan Patent Office in 1999</i></p>	International Conference Hall

	<p>Sadao Nagaoka (Tokyo Keizai University, Japan; RIETI, Japan) and <u>Isamu Yamauchi</u> (Meiji Gakuin University, Japan; RIETI, Japan)  <i>Information Constraint of the Patent Office and Examination Quality: Evidence from the Effects of Initiation Lag</i></p>	
	<p><b>Parallel Session 33B: Human Capital Mobility</b>  <b>Chair: Yaichi Aoshima</b> (Hitotsubashi University, Japan)</p> <p><u>Stefan Wagner</u> (ESMT European School of Management and Technology, Germany) and <u>Martin Goossen</u> (Institute of Management of the University of Lugano, Switzerland)  <i>Knowing Me, Knowing You: Inventor Mobility and the Formation of Technology-Oriented Alliances</i></p> <p><u>Shotaro Yamaguchi</u> (Hitotsubashi University, Japan)  <i>Does Inter-and Intra-Firm Mobility Promote Innovation? Comparative Analysis between Japan and the U.S.</i></p> <p><u>Jue Wang</u> (Nanyang Technological University, Singapore)  <i>Academic Entrepreneurship: Insights from Academic Scientists in Singapore</i></p> <p><u>Patrick Doran</u> (Swinburne University of Technology, Australia)  <i>Brain Gain: An Analysis of Inventor Migration</i></p>	<p>Conference Room 606</p>
	<p><b>Parallel Session 33C: Effects of Secrecy and Information Disclosure</b>  <b>Chair: Joanna Poyago-Theotoky</b> (La Trobe University, Australia and GEOLAB, Greece)</p> <p><u>Masayuki Hirose</u> (Hitotsubashi University, Japan)  <i>Statistical Analysis of Patent Applications Citing Prior Art in a Different Technical Field from Claimed Inventions for which the Patent is Sought</i></p> <p><u>Daisuke Asahara</u> (Hitotsubashi University, Japan), <u>Tohru Yoshioka-Kobayashi</u> (Hitotsubashi University, Japan; The University of Tokyo, Japan) and <u>Mikiharu Noma</u> (Hitotsubashi University, Japan)  <i>Does Frequency of Financial Disclosures Affect Innovation?</i></p>	<p>Conference Room 607</p>
	<p><b>Parallel Session 33D: R&amp;D and Innovation Strategy</b>  <b>Chair: Can Huang</b> (Zhejiang University, China)</p> <p><u>Shiguma Endo</u> (Hitotsubashi University, Japan)  <i>Avoiding Galapagos Syndrome: a Formal Theory of Choice between Localization and Globalization</i></p> <p><u>Hidemichi Fujii</u> (Nagasaki University, Japan) and <u>Shunsuke Managi</u> (Kyushu University, Japan; Queensland University of Technology, Australia)  <i>Research and Development Strategy in Artificial Intelligence: A Patent Analysis</i></p> <p><u>Sunil Kanwar</u> (University of Delhi, India) and <u>Shailu Singh</u> (University of Delhi, India)  <i>The Innovation-R&amp;D Nexus: Evidence from the Indian Manufacturing Sector</i></p>	<p>Conference Room 608</p>