

## APIC 2017

### “The Innovation and Competition Nexus”

# Programme

**Location: Rutherford House, Pipitea Campus**

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## Thursday 30 November

**12:00-13:00**

*Registration*

**13:00-13:15**

*Welcome, RHLT2*

- > Mihi
- > Opening Comments: **Susy Frankel**

**13:15-14:00**

**Session 1 Keynote: Carl Shapiro**

*(Chair: Adam Jaffe), RHLT2*

- > “Competition Policy and Disruptive Innovation”

**14:00-15:15**

*Session 2 Parallel Session*

**2A. Empirical Evidence on Patent Examination**

*(Chair: Sadao Nagaoka), RHLT3*

> **Tetsuo Wada**

Spillovers of Patent Examination Results:  
Evidence from the Trilateral Offices

> **Alfons Palangkaraya** and Brian Wright

Do Foreign Inventors Get Narrower Patents?

> **Alfons Palangkaraya, Jennifer Piscionere**  
and Beth Webster

Does Language Translation Affect Patent  
Examination Outcomes?

## 2B. Interdisciplinary and International Collaboration

(Chair: *Joanna Poyago-Theotoky*), RHMZ03

<p>&gt; <b>Dukrok Suh</b>, Juneyoung Lee and Sungdo Ha</p>	<p>An Extensive Analysis on the Expansion of Collaboration Among Academic Disciplines: Features and Implications</p>
<p>&gt; <b>Russell Thomson</b>, T'Mir Julius and Julien Brailly</p>	<p>A New Queen of Science? Inter-disciplinary Spillovers and the Evolution of Specialisation in High Performing Universities</p>
<p>&gt; <b>Naotoshi Tsukada</b> and Sadao Nagaoka</p>	<p>Performance of International Research Collaborations: Synergy or Selection?</p>

### 15:15-15:45 Afternoon Tea

### 15:45-16:30

#### Session 3 Keynote: *Petra Moser*

(Chair: *Les Oxley*), RHLT2

- > “Intellectual Property and Innovation – Evidence from Economic History”

### 16:30-17:45

#### Session 4 Parallel Session

##### 4A. Patents, Competition and Innovation

(Chair: *Lida Ayoubi*), RHLT3

<p>&gt; <b>Olena Ivus</b> and Edwin Lai</p>	<p>Patent Exhaustion Regime and International Production Sharing: Winners and Losers?</p>
<p>&gt; Marc Baudry and <b>Béatrice Dumont</b></p>	<p>“Sleeping Beauty” in the Patent Thicket: Some Insights into Renewal Decisions for Sleeping Patents</p>
<p>&gt; <b>Siwei Cao</b>, Zhen Lei and Brian Wright</p>	<p>Early-Onset Patent Value Flows: Anticipation and Realization</p>

#### 4B. Universities, Firms and Collaboration

(Chair: **Tim Stirrup**), RHMZ03

> <b>Elizabeth Webster</b> , Alfons Palangkaraya, Russell Thomson and Paul Jensen	The Effect of Collaborative Research Grant Programs on Business Patents and Sales
> <b>Hiroyuki Okamuro</b> and Kenta Ikeuchi	University-Industry R&D Collaboration as an Engine of Firm Growth? An Empirical Evaluation of Knowledge Cluster Policies in Japan
> <b>Patrick Doran</b> , Russell Thomson and Jungho Kim	To What Extent Does Corporate Research Contribute to Basic Scientific Advance?

**17:45-19:00 Reception**

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## Friday 1 December

**09:00-09:15**

*Book Launch: **Thomas Clarke** “Innovation in the Asia Pacific”, RHLT2*

**09:15-10:00**

*Session 5 Keynote: **Kiritapu Allen***

(Chair: **Susy Frankel**), RHLT2

- > “Innovation in the Māori Economy: the Balance of Social, Cultural, Environmental and Economic Outputs”

**10:00-10:25 Morning Tea**

**10:25-12:30**

*Session 6 Parallel Session*

**6A. Government Policy in Support of Innovation**

(Chair: **Barbara Allen**), RHLT3

> <b>Xi Yang</b> and Liyuan Chen	Serving the Nation or Winning the Global Competition? China's WCU Project and Faculty's Scientific Productivity
> <b>Jun Suzuki</b>	To Support R&D or Linkages? - Seeking a Better Policy Mix for SME Support
> <b>Simon Wakeman</b>	The Impact of R&D Grants on the Performance of New Zealand Firms
> <b>Joanna Poyago-Theotoky</b> , Jose Rodrigues-Neto, Maria Gil-Molto and Vasileios Zikos	R&D Policy and Privatization in a Mixed Oligopoly
> <b>Jay Kesan</b> and <b>Runhua Wang</b>	Do Tax Policies Drive Innovation by SMEs in China?

**6B. Markets, Investment and Innovation**

(Chair: **Yothin Jinjarak**), RHMZ03

> <b>Alireza Naghavi</b> , Stefano Bolatto, Gianmarco Ottaviano and Katja Zajc	Intangible Assets and the Organization of Global Supply Chains
> <b>Michael Falk</b>	Imbalance in Exchange: Power and Coordination in Emergent Markets
> <b>Xin Li</b> , Hui Jiang and Kyung-Min Nam	Adapting Old, Cultural Industries to New Environment: Case Study of Two Embroidery Clusters in China
> <b>Kwanghui Lim</b> , Pek-hooi Soh and Annapoornima Subramanian	How Do Technological and Market Relatedness of Corporate Venture Capital Investments Affect Strategic Outcomes?
> <b>Mikhail Klimenko</b> and Jingwen Qu	Foreign Direct Investment in E-commerce Platforms

## 6C. *The Ownership and Use of Intellectual Property*

(Chair: *Jessica Lai*), RHMZ05

<p>&gt; <b>Tohru Yoshioka-Kobayashi,</b> Atushi Akiike and Tsuyoshi Fujimoto</p>	<p>Measuring Design Innovations by IPRs: Do Patents and Industrial Design Registrations Correspond to Design Awardwinning Products?</p>
<p>&gt; <b>Namho Kwon</b></p>	<p>Software Innovation in Medical Device Industry: Focusing on Both Patents and New Products</p>
<p>&gt; <b>Emma Francis,</b> Lachlan Fremantle and Haiyang Zhang</p>	<p>Is there Evidence of Trade Mark Cluttering on the Australian Register?</p>
<p>&gt; <b>Steve Petrie</b></p>	<p>“tmlink”: An Internationally Linked Trademark Database for Researchers</p>

**12:30-13:30 Lunch**

**13:30-15:10**

### *Session 7 Parallel Session*

## 7A. *Human Resources and Innovative Performance*

(Chair: *Urs Daellenbach*), RHLT3

<p>&gt; <b>Koichiro Onishi</b> and Sadao Nagaoka</p>	<p>How Does Graduate Education Enhance Inventive Performance?</p>
<p>&gt; <b>Jungho Kim,</b> Alfons Palangkaraya and Yuri Jo</p>	<p>Experience Matters: The Impact of Early VC-Backing and Prior M&amp;A on Private Target Acquisitions by Public Firms</p>
<p>&gt; <b>Donghoon Kim</b></p>	<p>Team Familiarity and Performance in Movie industry</p>
<p>&gt; <b>Tomoyuki Shimbo</b></p>	<p>Do Alliances Affect Internal Innovation Processes? Evidence from the Blu-ray Disc Industry</p>

## 7B. Competition Law, Standardisation and FRAND

(Chair: **Paul Scott**), RHMZ03

> <b>Bronwyn Howell</b> and Petrus Potgieter	Bundles of Trouble: Can Competition Law Adapt to Digital Pricing Innovation?
> <b>Kelli Larson</b>	FRAND Principles and Opportunistic Licensing: The Evolving Standard Essential Patent Litigation Frameworks of the USA, Europe, and China
> Vikas Kathuria and <b>Jessica C Lai</b>	Validity of Non-Disclosure Agreements in SEP Licensing

## 7C. Country-Level R&D and Innovation

(Chair: **Paul Conway**), RHMZ05

> <b>Simon Wakeman</b>	Innovation and the Performance of New Zealand firms
> <b>William H.A. Johnson</b>	Lean Innovation Capability: Innovating in Low Resource Environments
> <b>Yukari Mizuno</b>	Innovation Strategy for Maximizing Proprietary Resources
> <b>Michael Peneder</b>	Innovation, Competition and Productivity: Firm Level Evidence for Eastern Europe and Central Asia

**15:10-15:30 Afternoon Tea**

**15:30-16:15**

### Session 8 Keynote: **Joel Mokyr**

(Chair: **Beth Webster**), RHLT2

- > “Is Technological Progress a Thing of the Past?”

**16:15-17:45**

**Panel Discussion: “Artificial Intelligence, Innovation and Public Policy: Perspectives from New Zealand”**

(Chair: **Adam Jaffe**), RHLT2

- > **Kim Connolly-Stone**, Ministry of Business, Innovation and Employment
- > **James Every-Palmer QC**, Stout Street Chambers
- > **Mary-Ellen Gordon**, Victoria University of Wellington
- > **Manuel Trajtenberg**, Tel-Aviv University

**18:00-21:00**

*Dinner and Event at Zealandia*

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## Saturday 2 December

**09:00-09:45**

**Session 9 Keynote: Sally Davenport**

(Chair: **Thomas Clarke**), RHLT2

- > “The ‘Challenge’ of Collaborating in a Competitive Innovation System”

**09:45-11:00**

**Session 10 Parallel Session**

**10A. The ‘Crowd’ as an Innovator**

(Chair: **Sally Davenport**), RHLT3

<ul style="list-style-type: none"> <li>&gt; <b>Makoto Nirei</b>, Kazufumi Yamana, Wendy Li</li> </ul>	Creative Destruction in Organizational Capital: Evidence from the Sharing Economy in Japan and the United States
<ul style="list-style-type: none"> <li>&gt; <b>Jon Padfield</b></li> </ul>	An Analysis of Crowd Sourced Innovation Funding Trends as a Proxy of Market Demand
<ul style="list-style-type: none"> <li>&gt; <b>Chris Jensen</b></li> </ul>	Innovation Competitions as a Means to Drive Market Adoption of Technological Innovations

## 10B. Patent Transfer

(Chair: **Griffin Geng**), RHMZ03

<ul style="list-style-type: none"> <li>&gt; Siwei Cao, <b>Jiawei Han</b>, Jingyi Ye and Yang Yang</li> </ul>	<p>Unobserved Factors, Inputs and University Technology Transfer: An Empirical Analysis of Patents</p>
<ul style="list-style-type: none"> <li>&gt; <b>Seokbeom Kwon</b></li> </ul>	<p>Impact of Interaction Between Acquisition of External Patents and Patent Holdup on R&amp;D</p>
<ul style="list-style-type: none"> <li>&gt; <b>Sadao Nagaoka</b> and Yoichiro Nishimura</li> </ul>	<p>Transfer of Patent Ownership in Japan: First Look at its Incidence and Economic Roles</p>

**11:00-11:30 Morning Tea**

**11:30-12:15**

### Session 11 Keynote: **Manuel Trajtenberg**

(Chair: **Susy Frankel**), RHLT2

- > “Human Enhancing Innovations: the Key to Quality Growth”

**12:15-12:30**

*APIC 2018 promo*

**12:30 Lunch**

*End of Conference*