

インタラクムナード, パタラポン (INTARAKUMNERD, Patarapong) 教授

Position: Professor

Specialty: Innovation Economics and Policies

Degree: Ph.D. in Science and Technology Policy Studies, SPRU, University of Sussex

Education and career:

2000-2002	Researcher, National Science and Technology Development Agency (NSTDA), Thailand.
2002-2008	Senior researcher/project leader, NSTDA, Thailand.
Feb.-Apr.2009	Visiting researcher fellow, Center of Southeast Asian Studies, Kyoto University.
July 2009-Apr.2012	Senior Fellow, College of Innovation, Thammasat University, Thailand.
May 2012- present	Professor, GRIPS.

1. ACADEMIC ACHIEVEMENTS (A)

(1) ACADEMIC PAPERS

① Individually authored papers / book chapters

- * Intarakumnerd, P. (2017). 'Thai Automotive Industry: International Trade, Production Networks, and Technological Capability Development,' in L.Y. Ing and F. Kimura (eds). *Production Networks in Southeast Asia*, Routledge: Oxford and New York, pp. 161-182. Peer-reviewed.

② Collaboratively authored papers / book chapters

- * Intarakumnerd, P. and Goto, A. (2016). 'Technology and Innovation Policies for SMEs in Asia,' in P. Vandenberg, Chantapadepong, P. and Yoshino, Y. (eds.) *SMEs in Developing Asia: New Approach to Overcoming Market Failures*, Asian Development Bank Institute, Tokyo, Japan, pp.24-49. Peer-reviewed.
- * Pittayasophon, S. and Intarakumnerd, P., (2016). 'University-Industry Collaboration in Thailand: Firm Characteristics, Collaboration Modes and Outcomes', *Institutions and Economies*, 8(3): 37-59. Peer-reviewed.
- * Pittayasophon, S., Intarakumnerd, P., Sumikura, K., Saito, H., and Suzuki, J. (2016). 'Firm Characteristics and Modes of University-Industry Collaboration: Cases of Japan and Thailand,' *STI Policy Review*, 7(1): 17-39. Peer-reviewed.

(2) PRESENTATIONS DELIVERED AT ACADEMIC CONFERENCES

- * Intarakumnerd, P. and Goto, A. (2016). 'Role of Public Research Institutes in National Innovation Systems in Industrialized Countries: The Cases of Fraunhofer, NIST, CSIRO, AIST, and ITRI', Paper presented at Asia Pacific Innovation Conference 2016, Fukuoka, Japan. November 19-21. Peer-reviewed.
- * Intarakumnerd, P. and Liu, M.C. 'Industrial Technology Upgrading and Innovation Policies: A Comparison between Taiwan and Thailand.' 2016 International Conference of Taiwan's Thailand Studies (ICTTS): the Exchange and Strategy of Political Economy, Language Education and Social Culture, Tainan, Taiwan, November 10-11. Peer-reviewed.

(3) OTHER RELEVANT ITEMS

- * Intarakumnerd, P. ed. (2017) 'Human Resource Management and Coordination for Innovative Activities in Production Networks: Toward Effective Uses of Internal and External Resources,' A Final Report submitted to Economic Research Institute for ASEAN and East Asia, Jakarta, Indonesia. March 31

2. ACADEMIC ACHIEVEMENTS (B)

(1) BOOK REVIEWS AND COMMENTARIES

- * Intarakumnerd, P. (2016). [Review of the book Development and Modern Industrial Policy Practice: Issues and Country Experiences by Jesus Felipe (ed)]. *Asian-Pacific Economic Literature*, 30(2): 121-123. doi: 10.1111/apel.12156

3. RESEARCH ACTIVITIES FUNDED BY RESEARCH GRANTS

- * A researcher director (project leader) on the study of Human Resource Management and Coordination for Innovative Activities in Production Networks: Toward Effective Uses of Internal and External Resources awarded by Economic Research Institute for ASEAN and East Asia, Jakarta, Indonesia.
- * Co-Investigator, Grant-in-Aid for Scientific Research (KAKENHI) on Innovative Areas No.25101006, 'Emerging State Project' awarded by JSPS for FY2013-FY2017. This year (April 2016-March 2017), activities focus on comparing industrial upgrading policies between Taiwan and Thailand.

4. EDUCATIONAL ACTIVITIES AT GRIPS

(1) LECTURES

- * STI1000E/STI6001E: Economics of Innovation (2 credits, Spring 2016)
This is a basic course for further studies in other subjects of science, technology and innovation policies. It focuses on economic explanation of technical change and innovation at four levels: micro (firm), meso (industrial sector, regional, and geographical cluster), national, and global.
- * STI2080E/STI7081E: Comparative Analysis on Science, Technology and Innovation Policy (2 credits, Fall 2016)
This course is a combination of lectures and seminars. The instructor provides lectures on theoretical and fundamental knowledge of science, technology and innovation (STI) policies. Based on such knowledge, seminars will be held to discuss STI policy experiences of several groups of countries classified by level of economic development and technological catching up.

(2) SEMINARS

- * GGG5120E Tutorial II (Science, Technology and Innovation Policy) for G-cube Ph.D. students (2 credits, Spring 2016)
- * GGG5130E Tutorial III (Science, Technology and Innovation Policy) for G-cube Ph.D. students (2 credits, Spring 2016).
 - These two tutorial courses aims to increase understanding of students on science, technology and innovation policies, especially in the context of developing countries. Students discuss on firms strategy and technological upgrading and relationship with government policies. They made presentation on selected case studies concerning their original countries.
- * STI18011E/J (Research Seminar I), STI18021E/J (Research Seminar II), STI18031 E/J (Research Seminar III), STI18041 E/J (Research Seminar IV) (2 credits for each research seminar,

throughout the year from Spring 2016 to Winter 2017). These research seminar classes aim to strengthen analytical and presentational skills of Ph.D. students in STI policy programs. Students will take turn to present their progress on their Ph.D. research.

(3) THESIS SUPERVISION

① Ph.D. Program

- * 5 Ph.D. Candidates, GRIPS Global Governance Program (G-cube), Sub Advisor.
- * 4 Ph.D. Candidates, Science, Technology and Innovation Policy Program, Supervisor of 2, Sub Advisor of 2.

② Master Program

- * 2 Master's Awarded, One-year Master's Program of Public Policy (MP1), Supervisor.
- * 1 Master's Awarded, Two-year Master's Program of Public Policy (MP2), Supervisor.
- * 1 Master's Candidate, Young Leaders Program, Supervisor.

(4) OTHER ACTIVITIES

- * Being a coordinator and trainer on Economics of Innovation for researchers of Thailand's Science, Technology and Innovation Policy Office, Bangkok, Thailand, August 24-26.
- * Host Supervisor for a mid-rank Thai government official under the program on ASEAN Japan Strategic Policy Research & Innovation Program (SPRI) with Financial Support from Japan International Cooperation Agency (JICA), from April 2016 to March 2017.
- * Chair/Discussant, Japan-IMF Macroeconomic Seminar for Asia (JIMS) 2016, organized by GRIPS and IMF on February 22, 2017.

5. INVOLVEMENT IN THE ADMINISTRATION AND MANAGEMENT OF GRIPS

(1) COMMITTEES

- * Member, Science, Technology and Innovation Policy Program Committee
- * Member, GRIPS Global Governance Program (G-cube) Committee

(2) TASK FORCES

- * Member, SciREX Task Force, co-chaired by Dean Masuyama and Vice President Sunami to revise SciREX and GIST programs.

(3) OTHER ACTIVITIES

- * Conceptual designer/Coordinator, to revise curriculums for master and Ph.D. programs on STI Policy from the academic year of 2017.

6. WIDER SOCIAL CONTRIBUTION (A)

(1) ACTIVITIES AT OTHER UNIVERSITIES AND RESEARCH CENTERS

① Visiting lectureships

- * External Examiner, for a Ph.D. Student at Graduate School of Innovation Management, Tokyo Institute of Technology, September 2016-March 2017.
- * Guest Lecturer, on technology management course at Tokyo Institute of Technology on December 15, 2016
- * Guest Lecturer, on technology management course at Tokyo Denki University on January 15th 2016.

(2) ACTIVITIES IN ACADEMIC ORGANIZATIONS

- * Member of Organizing Committee, 13th ASIALICS Conference, Bangkok Thailand, 3-4 October 2016

- * Associated Editor-in-Chief, *Asian Journal of Technology Innovation*
- * Editorial Board Member, *International Journal of Technology and Globalization (IJTG)*
- * Editorial Board Member, *African Journal of Science, Technology, Innovation and Development*
- * Editorial Advisory Board Member, *Innovation and Development Journal*,
- * Advisory Member of *Institutions and Economies Journal*
- * Editorial Advisory Board Member, *International Journal for Technology Management & Sustainable Development (IJTMSD)*
- * Editorial Board Member, *International Journal of Research, Innovation and Commercialization*
- * Editorial Board Member, *Asian Research Policy*
- * Editorial Board Member, *Decision: an Official Journal of Indian Institute of Management Calcutta*

7. WIDER SOCIAL CONTRIBUTION (B)

(1) MEDIA ACTIVITIES

① Digital media

- * A short policy article titled ‘Technology and Innovation Policies for Promoting SME: Policy Lessons from East Asia’ on the web blog of Asian Development Bank Institute.
<https://www.asiapathways-adbi.org/2016/07/technology-and-innovation-for-smes-policy-lessons-from-east-asia/>

(2) PUBLIC LECTURES AND DISCUSSION MEETINGS

- * Speaker, ‘Lessons learnt from the Study on Public Research Institute in Developed Countries,’ at National Science and Technology Development Agency (NSTDA), September 22, 2016.