

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

Academic Year 2017 (2017.4.1~2018.3.31)

Position: Professor

Specialty: Innovation Economics and Policies

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

Brief Summary of 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) BOOKS

① Individually authored books

- * Intarakumnerd, P. (2018). *Mismanaging Innovation Systems: Thailand and the Middle-income Trap*, Routledge: Oxford and New York (116 pages).

(2) ACADEMIC PAPERS

① Individually authored papers

- * Intarakumnerd, P. (2017). 'Human resource management and coordination for innovative activities in production networks in Asia: a synthesis', **Asian Journal of Technology Innovation**, 25:2, 199-205 *Peer-reviewed*.
- * Intarakumnerd, P. (2017). 'Upgrading in Global Value Chains: the Cases of High, Mid and Low Technology Sectors in Thailand.' **Asian Journal of Innovation and Policy** 6(3):333-353. *Peer-reviewed*.
- * Intarakumnerd, P. (2017). 'Industrial Innovation in Thailand: The Electronics, Automotive and Seafood Sectors,' in Khoo, B.T., Tsunekawa, K. and Kawano, M. *Southeast Asia Beyond Crises and Traps*, Palgrave Macmillan: Cham, Switzerland, pp. 167-192. *Peer-reviewed*.

② Collaboratively authored papers

- * Intarakumnerd, P., Doner, R., Ritchie, B. (2018), 'Universities in Thailand's national innovation system : their contributions on industrial and technological Upgrading,' in VV. Krishna (ed). *Universities in the National Innovation Systems: Experiences from the Asia Pacific*, Routledge: Oxford and New York, pp. 305-327. *Peer-reviewed*.
- * Pittayasophon, S. and Intarakumnerd, P., (2017). 'University and industry collaboration in Japan and Thailand: influence of university type', *Asian Journal of Technology Innovation*, 25:1, 23-40, DOI: 10.1080/19761597.2017.1302399 *Peer-reviewed*.

(3) PRESENTATIONS DELIVERED AT ACADEMIC CONFERENCES OR SYMPOSIA

- * Intarakumnerd, P. (2017), 'STI Policy for Catching-up Economies,' A keynote speech delivered at 14th Asialics Conference, Tehran, Iran. August 30-31.
- * Intarakumnerd, P. (2017), 'Technology Upgrading in Global Value Chain: Thai Experiences,' Paper presented at 14th Asialics Conference, Tehran, Iran. August 30-31. Peer-reviewed.
- * Intarakumnerd, P. (2017), 'Innovations in ASEAN: An Overview and Findings from Key Industries,' Paper presented at Asian Society for Innovation and Policy (ASIP) Conference, Hanoi, Vietnam, September 21-23. *Peer-reviewed*.

(4) OTHER RELEVANT ITEMS

- * Intarakumnerd, P. ed. (2018) 'Innovations with network effects in production networks: Can innovation policies upgrade production networks?' A Final Report submitted to Economic Research Institute for ASEAN and East Asia, Jakarta, Indonesia. March 31

2. RESEARCH ACTIVITIES FUNDED BY RESEARCH GRANTS

- * A researcher director (project leader) on the study titled 'Innovations with network effects in production networks: Can innovation policies upgrade production networks?' awarded by Economic Research Institute for ASEAN and East Asia, Jakarta, Indonesia.
- * A researcher for A grant-in-aid on 'Emerging State Project' awarded by JSPS. This year (April 2017-March 2018), activities focus on comparing industrial upgrading policies between Taiwan and Thailand.

3. EDUCATIONAL ACTIVITIES AT GRIPS (for the period from April 2017 until March 2018)

(1) LECTURES: subject taught and outline of content

- * Economics of Innovation (2 credits, Spring 2017) (2 credits, Fall 2017)
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.
- * Comparative Analysis on Science, Technology and Innovation Policy (2 credits, Fall 2017)
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: subject taught and outline of content

- * 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 2017 to Winter 2018). 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 Master's Awarded, Young Leaders Program, Supervisor
- * 2 Master's Candidates, Public Policy Program(MP1), Supervisor

- * 2 Master's Candidates, Public Policy Program(MP2), Supervisor
- * 1 Ph.D. Awarded, Science, Technology and Innovation Policy Program, Sub-advisor
- * 4 Ph.D. Candidates, GRIPS Global Governance Program (G-cube), Sub-advisor
- * 2 Ph.D. Candidates, Science, Technology and Innovation Policy Program, Supervisor

(4) OTHER ACTIVITIES

- * Being a host supervisor for Dr. Huang Yaling, a researcher from Taiwan External Trade Development Council (TAITRA), funded by Japan-Taiwan Exchange Association from October to December 2017.
- * Being a host supervisor for a mid-rank Thai government official (Dr. Piengpen Wongnapapan) under the program on ASEAN Japan Strategic Policy Research & Innovation Program (SPRI) with Financial Support from Japan International Cooperation Agency (JICA), from April 2017 to March 2018.
- * Being a chair at Japan-IMF Macroeconomic Seminar for Asia (JIMS) 2016 organized by GRIPS and IMF on March, 1st 2018.
- * Being a speaker on Science, Technology and Innovation Policy for Developing Countries at the GRIPS's Training for Indonesia Directorate General of Resources for Science, Technology, and Higher Education, November 20th, 2017.
- * Being a course designer and a speaker on Science, Technology and Innovation Policy for Catching-up Countries at the GRIPS's Training for Vietnamese delegates from Ministry of Science and Technology, and Higher Education, November 27th, 2017.

4. INVOLVEMENT IN THE ADMINISTRATION AND MANAGEMENT OF GRIPS

(1) COMMITTEES

- * Being a committee Member of Science, Technology and Innovation Policy Program
- * Being a committee Member of G-Cube Program
- * Being a committee member to hire two new professors (Prof. Hayashi and Prof. Izuka) of GIST Program (November 2017- January 2018)

(2) OTHER ACTIVITIES

- * Being a conceptual designer and a coordinator to revise curriculums for master and Ph.D. programs on STI Policy from the academic year of 2018.

5. WIDER SOCIAL CONTRIBUTION (A)

ACTIVITIES AT OTHER UNIVERSITIES AND RESEARCH CENTERS

- * Being an external examiner for a Ph.D. Student (Ms. Napatat Siripitakchai) at Graduate School of Innovation Management, Tokyo Institute of Technology, April-July 2017.
- * Being an external examiner for a Ph.D. Student (Ms. Ranaporn Tantiwechwuttikul) at Graduate Program in Sustainability Science - Global Leadership Initiative, University of Tokyo, April-July 2017.
- * Being an external examiner for a Ph.D. Student (Mr. Krisakorn Sukavejworakit) at College of Management, Mahidol University, Thailand, February-March 2018.
- * Being a guest lecturer on technology management course at Tokyo Institute of Technology on June 6, 2017
- * Being a guest lecturer on technology management course at Tokyo Institute of Technology on November 3, 2017

- * Being a guest lecturer on technology management course at Tokyo Institute of Technology on December 22, 2017
- * ACTIVITIES IN ACADEMIC ORGANIZATIONS AY2017
- * Being a committee to organize 14th Asialics Conference, Tehran, Iran, August 30-31, 2017
- * Being an Associated Editor-in-Chief Asian Journal of Technology Innovation
- * Being a member of editorial board of the International Journal of Technology and Globalization (IJTG)
- * Being a member of editorial board of African Journal of Science, Technology, Innovation and Development
- * Being a member of editorial advisory board of Innovation and Development Journal,
- * Being an advisory member of Institutions and Economics Journal
- * Being a member of editorial advisory board of International Journal for Technology Management & Sustainable Development (IJTMSD)
- * Being a member of editorial board of International Journal of Research, Innovation and Commercialization
- * Being a member of editorial board of Asian Research Policy
- * Being a member of editorial board of Science Technology Innovation Policy and Management Journal
- * Being a member of editorial board of Decision: an Official Journal of Indian Institute of Management Calcutta
- * Being a member of editorial board of Journal of Science and Technology Policy Management

6. WIDER SOCIAL CONTRIBUTION (B)

(1) MEDIA ACTIVITIES

- * A short policy article titled ‘Technological Learning of Latecomer Firms in Developing Countries on the website of Emerging State Project organized by GRIPS
<http://www3.grips.ac.jp/~esp/en/event/technological-learning-of-latecomer-firms-in-developing-countries/>

(2) PUBLIC LECTURES AND DISCUSSION MEETINGS

- * Being a speaker on ‘How do government encourage innovation from R&D they support’ at Japan Society for Research Policy and Innovation Management, July 27th, 2017.
- * Being a speaker on ‘Lessons learnt from the Study on Public Research Institute in Developed Countries,’ at Executive Council Meeting of King Mongkut’s University of Technology Thonburi (KMUTT), October 4th, 2017.
- * Being a speaker on ‘Japan’s Research and Innovation Financing’ at Thailand Research Fund (TRF), Bangkok, December 3, 2017.
- * Being a speaker on ‘Thailand’s Middle-Income Trap and STI Policy’ at Thailand Research Fund (TRF), Bangkok, December 5, 2017.