

## Jeehoon Ki

1339, Wonjung-ro, Maengdong-myeon, Eumseong-gun,  
Chungcheongbuk-do 27740, Republic of Korea  
+82-(0)43-750-2495 / [jki@kistep.re.kr](mailto:jki@kistep.re.kr)

### FIELDS OF INTEREST

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Economics of innovation, evolutionary industrial dynamics, policy studies

### JOB AFFILIATION

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March 2017–present	Associate Research Fellow, Korea Institute of Science and Technology Evaluation and Planning (KISTEP), Eumseong-gun, Korea
June 2016–February 2017	Researcher, Policy Research Institute, Korean Academy of Science and Technology, Seongnam-si, Korea

### EDUCATION

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Ph.D. in Economics, **Seoul National University**, August 2016

- Doctoral Dissertation: An Evolutionary Model of Changes in Industrial Leadership and Catch-up by Latecomers: Collective Learning-by-doing, Endogenous Innovation, and the “Incumbent Trap” (Advisor: Professor Keun Lee)

M.A. in Economics, **Seoul National University**, August 2010

- Master Thesis: Changes in Industrial Leadership and Catch-up by the Latecomers in the World Steel Industry: Windows of Opportunity and Sectoral Systems of Innovation (Advisor: Professor Keun Lee)

B.S. in Electrical Engineering, **Korea Advanced Institute of Science and Technology (KAIST)**, February 2007

### PUBLICATIONS

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#### Journal Article

- Lee, K., & **Ki, J.** (2017). Rise of latecomers and catch-up cycles in the world steel industry. *Research Policy*, 46(2), 365–375. <https://doi.org/10.1016/j.respol.2016.09.010>

#### Discussion and Working Papers

- **Ki, J.** (2020). *A comparative analysis of autonomous vehicle policies among Korea, Japan, and France* (FFJ Discussion Paper #20-02). Fondation France-Japon de l’EHESS. <https://hal.archives-ouvertes.fr/hal-02562482>
- Lee, J., & **Ki, J.** (n.d.) An empirical study on the effectiveness of the government R&D subsidies for ICT firms [Submitted to Journal of Korea Technology Innovation Society in May 2020]. (in Korean).
- **Ki, J.**, & Kim, Y. (2017). Don't swing! You will walk to the first Base: Spot fixing in the Korean

professional baseball league. <https://ssrn.com/abstract=2195415>

## Policy Reports

- Ahn, S., **Ki, J.**, Cho, J., & Lee, H. (2019). *Predicting the future risk of Korea's flagship industries in 2018 from the perspective of technological innovation: Focusing on the paradigm shift in the automobile industry and the catch-up of China* (General Publication No. 2018-022). Korea Institute of Science and Technology Evaluation and Planning (KISTEP). (in Korean).
- **Ki, J.** (2018). *Autonomous Vehicle Industry* [Private advisory report in the series entitled New digital industry and software-centered national innovation system]. Software Policy and Research Institute. (in Korean).
- **Ki, J.**, Yoon, C., Lee K., Lee, J., & Choi, C. (2018). *Base Technology Development Project for the ICT Convergence Industry* [National R&D Program In-depth Evaluation] (In-depth Evaluation Report No. 18-3). KISTEP. (in Korean).
- Kang, J., **Ki, J.**, Kim, J., Kim, H., Park, E., Lee, S. & Choi, N. (2017). *Toward policy evaluation from R&D program group evaluation* (Research Report No. 2018-039). KISTEP. (in Korean).
- Kim, H., **Ki, J.**, Choi, D., & Hwang, D. (2017). *A study on policies for enhancing the university research capability to innovative excellence in Korea* (Project No. 20016-2-6 in Science and Technology Comprehensive Adjustment Program). Ministry of Science, ICT and Future Planning. (in Korean).
- Lee, K, Kim, Y., **Ki, J.**, & Shin, H. (2012). *Building technological capabilities: Four cases from manufacturing sectors in Korea*. Ministry of Knowledge Economy.
- Lee, K., Park, K., Yoon, M., Im, B., & **Ki, J.** (2010). *A study on the economic effect analysis through performance evaluation of the R&D Patent Technology Trend Survey Program*. R&D Patent Center, Korea Institute of Intellectual Property. (in Korean).

## Book Chapters

- **Ki, J.** (2017). Cheolgang san-eob, saeloun gwanjeom-ui hyeogsin-i pil-yohada [Korean steel industry needs innovation from a new perspective]. In K. Lee, & K. Park (Eds.), *2018 hangukgyeongje daejeonmang* [Korean Economy in 2018] (pp.293–301). Book21.
- **Ki, J.** (2016). Cheolgang saneop, ssalssalhan bomeul hyanghan hoebok [Chilly spring is coming for the Korean steel industry]. In K. Lee, & K. Park (Eds.), *2017 hangukgyeongje daejeonmang* [Korean Economy in 2017] (pp.312–318). Book21.
- **Ki, J.** (2016). Sanhakyemnyeok jeongchaek, daehak changeobeul hyanghan guae [Industry-university cooperation policy, trying to facilitate startups]. In K. Lee, & K. Park (Eds.), *2017 hangukgyeongje daejeonmang* [Korean Economy in 2017] (pp.389–394). Book21.
- Lee, K., & **Ki, J.** (2014). Saneop judogwon idonggwa chugyeok saikeul iron [Shifts in industrial leadership and the Catch-up Cycle Theory]. In K. Lee, & T. Park (Eds.), *Saneobui chugyeok, chuwol, churak* [Catching up, forging ahead, and falling behind in industries] (pp.11–37). Book21.
- **Ki, J.**, Kim, K., Kwon, J., & Kim, J. (2013). ‘Tkeltik horangit’ aillaendeuui chugyeokgwa churak

[Catching up and falling behind of Celtic tiger Ireland]. In K. Lee (Ed.), *Gukgawi chugyeok, chuwol, churak* [Catching up, forging ahead, and falling behind of nations] (pp.217–254). Seoul National University Press.

## **GRANTS AND SCHOLARSHIPS**

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| • 2018 FFJ/Renault Fellowship  | October 2018–September 2019           |
| • Research grant from the affiliated institute, KISTEP   | July 2017–November 2017               |
| • Ph.D. scholarship, Seoul National University   | September 2015–August 2016            |
| • Korean government scholarship (Brain Korea 21 Program for Leading Universities & Students)       | September 2014–February 2015          |
| - Including nomination for a Minister of Education's citation for outstanding research performance |                                       |
| • Korean government scholarship (World Class University)   | March 2011–August 2013                |
| • Korean government scholarship (Brain Korea 21)   | March 2011–February 2013              |
| • A grant for master's thesis writing in English   | Spring 2010                           |
| • M.A. scholarship, Seoul National University  | September 2007–February 2009          |
| • Merit-based scholarship, KAIST   | Several semesters including Fall 1999 |
| • Conference travel grants:  |                                       |
| - from the Center for Economic Catch-up  | 2016                                  |
| - from the College of Social Sciences, Seoul National University                                   | 2011 and 2012                         |