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| **Changjun Lee**  Department of Media and Social Informatics  Hanyang University (ERICA Campus)  28-421, Hanyangdaehak-ro 55, Sangrok-gu,  Ansan, Gyeong-gi (15588). Republic of Korea  [changjunlee@hanyang.ac.kr](mailto:changjunlee@hanyang.ac.kr) / Twitter: [@Dr\_CJLee](https://twitter.com/Dr_CJLee) |  |

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| **EMPLOYMENT** | |
| **Hanyang University (ERICA)**, Ansan, Republic of Korea  Department of Media & Social Informatics Associate Professor ***(Head of dep.)***  Research Institution of Creativity & Interaction ***(Head of institution)*** | 2022. ~ Cur. |
| **Hanyang University (ERICA)**, Ansan, Republic of Korea  Department of Media & Social Informatics Assistant Professor | 2019 ~ 2022. |
| **University College Dublin**, Republic of Ireland Spatial Dynamics Lab Senior Postdoctoral Research Fellow | 2017 ~ 2019 |
| **National University of Singapore**, SingaporeLee Kuan Yew School of Public Policy Postdoctoral Research Associate | 2015 ~ 2017 |
| **General Electric (GE) Healthcare**, Seoul, Republic of Korea  Marketing Department. Visiting Consultant (Market Analyst) | 2012 ~ 2012 |
| **Republic of Korea Army** Military Police Officer (Military Service) | 2006 ~ 2008 |

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| **EDUCATION** | |  |  |
| **Seoul National University**, Seoul, Republic of KoreaTechnology Management, Economics, and Policy Program Ph.D. in Economics (Technology Management) Dissertation: *“Research on the Growth Mechanism of Platform Ecosystem”* | 2010 | ~ | 2015 |
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| **Yonsei University**, Seoul, Republic of KoreaB.Sc. in Chemistry  B.Sc. in Biology | 2004 | ~ | 2010 |
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| **RESEARCH INTERESTS** |
| Media & Informatics  Technology (Knowledge) Management  Innovation and Policy |

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| **TEACHING INTERESTS** |
| Computational Social Science  Media & Technology  Technology Evolution, Innovation, and Public Policy  Applied Econometrics and Causal Inference |

**PEER-REVIEWED PUBLICATIONS [[1]](#footnote-1)**

1. **(SCIE) Lee, C.,** Na, C., Kim, K. O.\* (2023). The Effect of Watching OTT Late at Night on the Sleep Pattern of Users. *Sleep and Biological Rhythms*, Forthcoming.
2. **(SSCI)** Na, C., **Lee, C.**, Kim, E. D.\* (2023). The Optimal Open Innovation Strategy with Science-based Partners for Venture Firm's Innovation Capabilities: Focusing on Innovation Modes. Science, Technology and Society, Online first. <https://doi.org/10.1177/09717218231160442>
3. **(SSCI)** Liu, H. S., **Lee, C.**, Kim, K., Lee, J., Moon, A., Lee, D., & Park, M. (2023). An Analysis of Factors Influencing the Intention to Use” Untact” Services by Service Type. *Sustainability*, *15*(4), 2870. <https://www.mdpi.com/2071-1050/15/4/2870>
4. **(KCI)** Choi, M. & **Lee, C.\*** (2022). The effect of Online Community Activities in Non-face-to-face Situations on Life Satisfaction : Focusing on the Comparison between Before(2017) and After(2021) COVID-19. *Information Society & Media.* *23*(3), 83-124. <https://doi.org/10.52558/ISM.2022.12.23.3.83>
5. **(KCI)** Yeom, J., Lee, S., & **Lee, C.\*** (2022). Analysis of the Characteristics of Extreme Patriotism and Psychological Motives by Understanding the Cyber Conflict Between Chinese Fandom Patriotism and Hallyu Fandom. [*Journal of Cybercommunication Academic Society*](javascript:;)*. 39*(4). 5-49.
6. **(SSCI)** Shim, D., Lee, C., & Oh, I. (2022). Analysis of OTT Users’ Watching Behavior for Identifying a Profitable Niche: Latent Class Regression Approach. *Journal of Theoretical and Applied Electronic Commerce Research*, *17*(4), 1564-1580. <https://www.mdpi.com/0718-1876/17/4/79>
7. **(SSCI)** Kim, K., Kogler, D. F., **Lee, C.,** & Kang, T.\* (2022). Changes in regional knowledge bases and its effect on local labour markets in the midst of transition: Evidence from France over 1985–2015. *Applied Spatial Analysis and Policy*, 1-22. <https://doi.org/10.1007/s12061-022-09444-4>
8. **(SSCI)** Shon, M., Lee, D. & **Lee, C.**\* (2022). Inward or Outward? Direction of Knowledge Flow and Firm Efficiency. *International Journal of Technology Management. 90*(1-2), 102-121.<https://doi.org/10.1504/IJTM.2022.124617>
9. **(KCI)** Kang, S., Seo, Y., & **Lee, C.\*** (2022). A Study of the Development of Sectoral Digital Transformation Conflict Indicator. *Information Society & Media.* *23*(1), 41-68. <https://doi.org/10.52558/ISM.2022.04.23.1.41>

* Best Paper Award, 2022 Korea Media Management Association

1. **(SSCI)** Park, I., Lee, J., Lee, D., **Lee, C.**, & Chung, W. Y.\* (2022). Changes in consumption patterns during the COVID-19 pandemic: Analyzing the revenge spending motivations of different emotional groups. *Journal of Retailing and Consumer Services*, 65, 102874. <https://doi.org/10.1016/j.jretconser.2021.102874>
2. **(SSCI) Lee, C.**, Shin, H., Kim, K., & Kogler, D. F.\* (2022). The effects of regional capacity in knowledge recombination on production efficiency. *Technological Forecasting and Social Change*. *180*, 121669. <https://doi.org/10.1016/j.techfore.2022.121669>
3. **(SSCI)** Jung, E., **Lee, C.\***, & Hwang, J. (2022). Effective strategies to attract crowdfunding investment based on the novelty of business ideas. *Technological Forecasting and Social Change*. *178*, 121558. <https://doi.org/10.1016/j.techfore.2022.121558>
4. **(SSCI)** Jeon, H., & **Lee, C.\*** (2022). Internet of Things Technology: Balancing Privacy Concerns with Convenience. *Telematics and Informatics. 70*, 101816. <https://doi.org/10.1016/j.tele.2022.101816>
5. **(SSCI)** Kogler, D. F., Davies, R. B., **Lee, C.**, & Kim, K.\* (2022). Regional knowledge spaces: the interplay of entry-relatedness and entry-potential for technological change and growth. *The Journal of Technology Transfer*. 1-24. <https://doi.org/10.1007/s10961-022-09924-2>
6. **(SSCI)** Tóth, G., Elekes, Z., Whittle, A., **Lee, C.\***, & Kogler, D. F. (2022). Technology network structure conditions the economic resilience of regions. *Economic Geography. 98*(4), 1-24. <https://doi.org/10.1080/00130095.2022.2035715>
7. **(SSCI)** Jo, H., Park, S., Shin, D., Shin, J.\*, & **Lee, C.** (2022). Estimating cost of fighting against fake news during catastrophic situations. *Telematics and Informatics*. *66*, 101734. <https://doi.org/10.1016/j.tele.2021.101734>
8. **(SSCI)** Park, I., Shim, H., Kim, J., **Lee, C.**, & Lee, D.\* (2022). The Effects of Popularity Metrics in News Comments on the Formation of Public Opinion: Evidence from an Internet Portal Site. *The Social Science Journal.* doi:<https://doi.org/10.1080/03623319.2020.1768485>
9. **(SSCI)** Kim, K., Lee, J., & **Lee, C.**\* (2022). Which innovation type is better for production efficiency? A comparison between product/service, process, organizational, and marketing innovations using stochastic frontier and meta-frontier analysis. *Technology Analysis & Strategic Management.* doi:<https://doi.org/10.1080/09537325.2021.1965979>
10. **(SSCI)** Rocchetta, S.\*, Mina, A., **Lee, C.**, & Kogler, F. D. (2022). Technological Knowledge Space and the Resilience of European Regions. *Journal of Economic Geography*. *22*(1), 27-51*.* doi: <https://doi.org/10.1093/jeg/lbab001>
11. **(KCI)** Kim, K., Lee, J., & **Lee, C.\*** (2021). Exploratory Analysis of Knowledge Structure and Evolutionary Trajectory in Korean Artificial Intelligence for Effective Technology Policy. *Korean Innovation Study*. *16*(3). Doi:https://dio.org/10.46251/INNOS.2021.8.16.3.139
12. **(SSCI) Lee, C.**, Cho, H., & Lee, D.\* (2021). The mechanism of innovation spill-over across sub-layers in the ICT industry. *Asian Journal of Technology Innovation. 29*(2), 159-179. doi:<https://doi.org/10.1080/19761597.2020.1796725>
13. **(SCIE)** Jung, S., Kim, K. & **Lee, C.**\* (2021). The nature of ICT in technology convergence: A knowledge-based network analysis. *PLOS ONE. 16*(7): e0254424. <https://doi.org/10.1371/journal.pone.0254424>
14. **(KCI)** Jo, H., Oh, M., Shin, J.\*, & **Lee, C.** (2021). Identifying Fake news in the Disastrous situations: Video versus Text. [*Journal of Cybercommunication Academic Society*](javascript:;)*. 38*(2). 83-120. doi: https://doi.org/10.36494/JCAS.2021.06.38.2.83
15. **(KCI)** Roh, T., Jo, G., & **Lee, C.\*** (2021). Coincidence Analysis with International Patent Classification (IPC) Network of US ICT Companies: Focusing on Technology Similarity and Application. *Korean Innovation Study. 16*(2). 237-263.  
    doi:[https://doi.org/10.46251/INNOS.2021.5.16.2.237](https://doi.org/10.46251/INNOS.2021.5.16.2.237 )
16. **(SSCI)** Na, C., Lee, D., Hwang, J., & **Lee, C.\*** (2021). Strategic Groups Emerged by Selecting R&D Collaboration Partners and Firms’ Efficiency. *Asian Journal of Technology Innovation. 29*(1), 109-133. doi:<https://doi.org/10.1080/19761597.2020.1788957>
17. **(SSCI) Lee, C.**, Lee, D., & Shon, M.\* (2020). Effect of efficient triple-helix collaboration on organizations based on their stage of growth. *Journal of Engineering and Technology Management*. *58*, 101604. <https://doi.org/10.1016/j.jengtecman.2020.101604>
18. **(KCI) Lee, C.\***, Woo, H.J., & Park, S.B. (2020). Factors of newly entering into the purchase on TV home-shopping: Random Forest Analysis based on users’ media repertoire data. *Korean Innovation Study*. *15*(2), 113-149. doi:<https://doi.org/10.46251/INNOS.2020.05.15.2.113>
19. **(Book Chapter) Lee, C.\*** & Bae, Y. (2019). Development of Information Communication Technology Industry and Public Policy in South Korea, In Ahn, M.J., & Kim, Y. (Eds.), *Public Administration and Public Policy in Korea*. Springer.   
    Doi: https://doi.org/10.1007/978-3-319-31816-5\_3801-1
20. **(SSCI) Lee, C.**, Kogler, D.F., & Lee, D.\* (2019). Capturing Information on Technology Convergence, International Collaboration, and Knowledge Flow from Patent Document: A Case of Information and Communication Technology. *Information Processing & Management. 56*(4), 1576-1591. doi:[10.1016/j.ipm.2018.09.007](https://doi.org/10.1016/j.ipm.2018.09.007)
21. **(SSCI)** Kim, E.H.W.\* & **Lee, C.** (2019). Does Working Long Hours Cause Marital Dissolution? Evidence from the Reduction in South Korea's Workweek Standard. *Asian Population Studies. 15*(1), 87-104. doi:[10.1080/17441730.2019.1565131](https://doi.org/10.1080/17441730.2019.1565131)
22. **(SSCI)** Kim E.H.W.\*, **Lee, C.**, & Do, Y.K. (2019). The Effect of Adult Children's Working Times on Visiting with Elderly Parents: A Natural Experiment in Korea. *Population Research and Policy Review. 38*(1), 53-72.doi:[10.1007/s11113-018-9486-0](https://doi.org/10.1007/s11113-018-9486-0)

* Featured in: *Straits Times, Lianhe Zaobao* (In Chinese)

1. **(SSCI) Lee, C.\*** & Hwang, J. (2018). The Influence of Giant Platform on Content Diversity. *Technological Forecasting and Social Change. 136*, 157-165. doi:[10.1016/j.techfore.2016.11.029](http://dx.doi.org/10.1016/j.techfore.2016.11.029)
2. **(SSCI)** Kim, E.H.W.\*, **Lee, C.**, & Do Y.K. (2018). The Effect of a Reduced Statutory Workweek on Familial Long-Term Care in Korea. *Journal of Aging and Health. 30*(10), 1620-1641. doi:[10.1177/0898264318797469](https://doi.org/10.1177/0898264318797469)

* Poster Session Winner, 2018 Population Association of America Conference

1. **(SSCI) Lee, C.** & Kim, H.\* (2018). The Evolutionary Trajectory of ICT Ecosystem: A Network Analysis based on Media User Data. *Information & Management*. *55*(6), 795-805. doi:[10.1016/j.im.2018.03.008](https://doi.org/10.1016/j.im.2018.03.008)

* Best Paper Award, 2015 Korea Media Panel Conference

1. **(SSCI) Lee, C.**, Shin, J., & Hong, A.\* (2018). Does Social Media Use Really Make People Politically Polarized? Direct and Indirect Effects of Social Media Use on Political Polarization. *Telematics and Informatics*. *35*(1), 245-254. doi:[10.1016/j.tele.2017.11.005](https://doi.org/10.1016/j.tele.2017.11.005)
2. **(SSCI)** Na, H.S., Lee, D., Hwang, J., & **Lee, C.**\*(2018).Research on the Mutual Relations between ISP and ASP Efficiency Changes for the Sustainable Growth of Internet Industry. *Applied Economics.* *50*(11), 1238-1253. doi:[10.1080/00036846.2017.1358443](https://doi.org/10.1080/00036846.2017.1358443)
3. **(SSCI) Lee, C.**, Kim, J.H., & Lee, D.\* (2017). Intra-industry Innovation, Spillovers, and Industry Evolution: Evidence from the Korean ICT industry. *Telematics and Informatics.* *34*(8), 1503-1513. doi:[10.1016/j.tele.2017.06.013](https://doi.org/10.1016/j.tele.2017.06.013)
4. **(SSCI) Lee, C.**, Jung, S., & Kim, K.O.\* (2017). Effect of a Policy Intervention on Handset Subsidies on the Intention to Change Handsets and Households’ Expenses in Mobile Telecommunications. *Telematics and Informatics.* *34*(8), 1524-1531. doi:[10.1016/j.tele.2017.06.017](https://doi.org/10.1016/j.tele.2017.06.017)
5. **(SSCI) Lee, C.**, Kim, H., & Hong, A.\* (2017). Ex-post Evaluation of Illegalizing Juvenile Online Game after Midnight: A Case of Shutdown Policy in South Korea. *Telematics and Informatics.* *34*(8), 1597-1606. doi:[10.1016/j.tele.2017.07.006](https://doi.org/10.1016/j.tele.2017.07.006)

* Cited in Nature Editorial   
  <http://www.nature.com/news/put-cult-online-games-to-the-test-1.22343>

1. **(SSCI) Lee, C.**, Lee, K., & Lee, D.\* (2017). Mobile Healthcare Applications and Gamification for Sustained Health Maintenance. *Sustainability. 9*(5), 772. doi:[10.3390/su9050772](https://doi.org/10.3390/su9050772)
2. **(KCI)** Kim, M.K., **Lee, C.**, &Hong, A.\* (2016). The Analysis of Media Usage Pattern for Effective Diffusion of Information. *Information Society & Media. 17*(1). 77-113.   
   doi:https://www.dbpia.co.kr/journal/articleDetail?nodeId=NODE06667546
3. **(SSCI) Lee, C.**, Lee, D.\*, & Hwang, J. (2015). Platform Openness and the Productivity of Content Providers: A meta-frontier analysis. *Telecommunications Policy. 39*(7). 553-562. doi:10.1016/j.telpol.2014.06.010

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| **AWARDS & HONORS** |
| 2022.***Best Paper Award*.** Korea Media Management Association. Fall regular academic conference. 2 Dec 2022.  2022. ***Special Promotion*** ***Fast Track*** (Assistant to Associate Professor). Hanyang University,  14 Sep 2022.  2021. ***Best Teacher (IC-PBL Rookie Division Excellence Award 2020-2).*** Hanyang University ERICA IC-PBL Center, 14 Jan 2021.  2021. ***Best Junior Faculty Award (Excellence in International Papers).*** Hanyang University ERICA Academic Awards 2020, 27 Jan 2021.  2018. ***Selected Poster Presenter.*** Regional Studies Association European Foundation Socio-Spatial Dynamics Summer College. Sardinia, Italy. 4-7 Sep 2018. (Paid trip)  2018. ***Poster Session Award.*** Population Association of America, “The effect of a reduced statutory workweek on familial long-term care in Korea,” Denver USA, 26-28 April 2018  2015.***Best Paper Award*.** Korea Media Panel Conference. Korea Information Society Development Institute.  2014-2015. ***Brain Korea 21+ Scholarship.*** Ministry of Education, Science and Technology.  2012-2013. ***Korea Rotary Club Scholarship.*** Korea Rotary Club  2010-2012. *Training for Management of Technology Specialist Fellowship.* Ministry of Trade Industry and Energy. |
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| **SPECIALTY** |
| 1. Computational Research and Analytics    * Big-data Handling and Visualization    * Social Network Analysis    * Agent Based Modelling 2. Advanced Programmer    * Fluent usage at *R*, *Python*, *C++*, *MySQL*, *SAS*, and *STATA*.    * Intermediate usage at *Tableau, Gephi* 3. Econometric Analysis    * Research Design for Causal Inference    * Policy (Program) Evaluation |
|  |
| **LANGUAGES** |
| English (Fluent) / Korean (Native) / Mandarin Chinese (Basic) |

1. Research specifics   
   in Google scholar: <https://scholar.google.com/citations?user=aUHA25kAAAAJ&hl=ko>   
   in ORCID: <https://orcid.org/0000-0002-8859-9796>   
   in Research gate: <https://www.researchgate.net/profile/Changjun_Lee3>   
   in Mendeley: <https://www.mendeley.com/profiles/changjun-lee4/>  
   in Scopus: [https://www.scopus.com/authid/detail.uri?authorId=57192834038](https://www.scopus.com/authid/detail.uri?authorId=57192834038%20)

   \* Corresponding author [↑](#footnote-ref-1)