

# CURRICULUM VITAE

January 1, 2025

## PERSONAL

*Name* Aija E. Leiponen  
*Employment* Professor  
Dyson School of Applied Economics and Management  
SC Johnson College of Business  
Cornell University  
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## RECENT PUBLICATIONS

### Peer reviewed

Leiponen, A. 2023. *Digital Innovation Strategy*. Cambridge University Press.

<https://www.cambridge.org/highereducation/books/digital-innovation-strategy/47DB7834BE378C3F3AB69569CFB38B73#overview>

Blind, K., Kenney, M., Leiponen, A., and Simcoe, T. (2023). Standards and Innovation: A Review and Introduction to the Special Issue. *Research Policy* 52(8) 104830.

Thomas L., Leiponen A., and Koutroumpis P. (2023). Profiting from Data Products. Pp. 255-272 in Cennamo, Dagnini & Zhu (Eds.). *Research Handbook on Digital Strategy*. Edward Elgar Publishing, Cheltenham, UK.

Symeonidou, T.E., Leiponen, A., Autio, E., Bruneel J. (2022). The Origins of Capabilities: Resource Allocation Strategies, Capability Development, and the Performance of New Firms. *Journal of Business Venturing* 37(4): (IF 7.590) <https://doi.org/10.1016/j.jbusvent.2022.106208>

Leiponen A., Thomas L.D.W. and Wang Q. (2022). The DApp Economy: A new platform for distributed innovation? *Innovation: Organization and Management* 24(1): 125-143. DOI: [10.1080/14479338.2021.1965887](https://doi.org/10.1080/14479338.2021.1965887)

Kretschmer T., Leiponen A., Schilling M., and Vasudeva Sing G.. (2022). Platform Ecosystems as Metaorganizations: Implications for Platform Strategies. *Strategic Management Journal* 43(3): 405-424 (introduction to a special issue on Platform Ecosystems).

Jones S., Leiponen A., and Vasudeva Singh G. (2021). The Evolution of Cooperation in the Face of Conflict: Evidence from the Innovation Ecosystem for Mobile Telecom Standards Development. *Strategic Management Journal* 42(4): 710-740. (Impact Factor 5.471).

Koutroumpis, P. Thomas L.D.W. and Leiponen A. (2021). Invention Machines: How Instruments and Information Technologies Drive Global Technological Progress. *Communications of the ACM* 64(1): 70-78 (IF 3.063).

Parmar, R., Leiponen, A. E., Thomas, L. (2020). Building an organizational digital twin. *Business Horizons* 63(6): 725-736.

Vasudeva Singh G., Leiponen A., and Jones S. (2020). Dear Enemy: The Dynamics of Conflict and Cooperation in Open Innovation Ecosystems. *Strategic Management Review* 1(2): 355-379.

Koutroumpis P., Thomas L. and Leiponen A. (2020). Markets for Data. *Industrial and Corporate Change* 29(3): 645-660 (IF 1.824).

Koutroumpis P., Thomas L., and Leiponen A. (2020). Small is big in ICT: The Impact of R&D on productivity. *Telecommunications Policy* 44(1): 532-544 (IF 2.000).

## WORK IN PROGRESS

A. Leiponen and LDW Thomas. Decentralized Innovation Platforms.

A. Leiponen, Y. Liu, M. Xu, Z. Xue. How Does Patent Litigation Influence US Invention Activity?

F. Boroomand, A. Leiponen, and G. Vasudeva Singh. Who Benefits from Attention to Data Privacy? Evidence from U.S.-listed Firms.

G. Vasudeva Singh, A. Leiponen, S. Jones, and H. Wan. Conflict without Cooperation? Patent Assertion Entities in Standard Development.

A. Leiponen and LDW Thomas. Decentralized App Markets. Working paper available.

J. Wu, T. Kretschmer, and A. Leiponen. Content-Sharing Behavior and Preferences for Attitudinal Polarization on Information Platforms. Experimental development and modeling.

F. Boroomand, A. Leiponen, G. Vasudeva Singh, and W. Wang. The Impact of Data Protection Regulation on Innovation

P. Koutroumpis, A. Leiponen and LDW Thomas. Data Markets for Generative AI.

## RECENT PRESENTATIONS

Innovating with Data. Invited keynote at the European Policy for Intellectual Property Association 19<sup>th</sup> Annual Conference, Pisa Italy September 2024.

Academy of Management Annual Conference. Invited speaker in symposium on Management as Artifact-Centered Design; in PDW on Intellectual Property Strategy; in PDW on Non-market Strategy; in the TIM Plenary on Contrary Views on AI in Science and Innovation. August 2024.

AI and Competitive advantage. Panelist at the Strategic Management Society conference. September 2023, Toronto.

Will Singularity hit the Strategists? AI and Executive Decision Making. Panelist at the Strategic Management Society conference workshop. September 2023, Toronto.

Decentralized Platform Governance. Academy of Management Professional Development Workshop on Blockchain as a General Purpose Technology. August 2023, Boston.

Decentralized Innovation Platforms. Keynote presentation at ZEW conference on Patenting and Innovation. Mannheim, Germany. November 2022.

Decentralized Innovation Platforms. Academy of Management Symposium on Gaining Influence within Ecosystems and Platforms. August 2022.

The Rise of the Decentralized Inverted Firm. Academy of Management Symposium on The Digital Firm and New Forms of Organizing. August 2022.

Stateless Innovation and Exchange. Loughborough University and Society for the Advancement of Management Studies Workshop on State, Firms and Innovations. September 2022.

Does Patent Litigation Change the Direction of Invention? Invited presentation at the OECD conference on IP Statistics for Decision Makers, Warsaw, Poland. June 2022.

Academy of Management symposium on Digital Platform Regulation. Invited speaker. August 2021.

Tipping in Digital Markets: When to intervene ex-ante and what are the principles for intervention? Invited panelist at Digital Markets Competition Forum by Copenhagen Business School, March 2021.

Discovering Data Strategies: A Topic Modeling Approach. Keynote Speaker at the Workshop of the *European Network on the Economics of the Firm: Innovation and Firms within the New Industrial Paradigm of the Digital Transformation* (hosted by LUISS University of Rome and University of Bergamo. January 2021.

*Peer-reviewed conferences and invited seminars*

Navigating the Legal Minefield: How Litigation Risks Shape Firm Patent Strategy (co-authored with Yifan Liu, Mingtao Xu, and Zhe Yolanda Xue).

University of Utah Strategy group. November 2024.

Academy of Management Annual Conference. August 2024.

Innovating with Data.

Nokia Research Center. June 2024.

VTT Technical Research Centre of Finland. April 2024.

How do Patent Assertion Entities Impact Innovation? (co-authored with Zhe Yolanda Xue).

European Policy for Intellectual Property (EPIP) Association annual conference. Toulouse, France. September 2021.

TILEC Workshop on Patents and Standards. Tilburg University, The Netherlands. September 2021.

Decentralized platforms and applications (co-authored with Llewellyn Thomas)

Invited seminar at NYU Stern, June 2023.

Organization Design Conference (virtual). October 2021.

Loughborough University innovation seminar. London UK. May 2021.

Munich blockchain workshop. Munich, Germany. June 2021.

Strategic Management Society annual conference session (virtual conference) on The post-Chandlerian digital firm. September 2021.

Who Benefits from Attention to Data Privacy? Evidence from U.S.-listed Firms. (co-authored with Farzam Boroomand and Gurneeta Vasudeva Singh)

Sant'Anna School of Advanced Studies. September 2024.

Vanderbilt University, March 2023.

The inaugural MAD Conference – Management, Algorithms, and Data. Columbia University Business School. May 2022.

Wharton Technology Conference. April 2022.

University of Illinois Gies School of Business, Strategy, Entrepreneurship, and International Business group. February 2022.

Science Policy Research Unit seminar. Brighton, UK. October 2021.

Strategic Management Society virtual conference. Session on Machine learning in strategy research. September 2021.

Academy of Management virtual conference symposium on Machine Learning, Artificial Intelligence, and Strategy. August 2021.

Berkeley Open Innovation Seminar, Haas School of Business, University of California Berkeley, August 2021.

Virtual Digital Economy Seminar (hosted by LMU Munich and HEC Lausanne. November 2020.

## **TEACHING AND ADVISING**

### *Cornell University*

AEM 3220, co-listed as AEM 5220, Digital Business Strategy

Executive Education: “Innovating 5G” eCornell online course and in-person events

AEM 4370, Strategy and Innovation

AEM 4371/6371 Innovation Case Studies

AEM 6991 MPS Research and Methods

AEM 6940, Research on Innovation

### *Graduate advising*

Xinyi Yu (M.S. Cornell University) expected 2025.

Weiting Wang (Ph.D. Cornell University, committee member) expected 2026.

Xueyun Luo (Ph.D. Cornell University, committee member) expected 2026.

Xiaomeng Chen (Ph.D. Cornell University, committee member) 2023. First placement: University of Pittsburgh.

Zhe (Yolanda) Xue (Ph.D. Cornell University) 2022. First placement: Uber Economic Analysis team.

Ruyu Chen (Ph.D. Cornell University, committee member) 2022. First placement: Post-doctoral researcher at Stanford University Digital Economy Lab.

Zhouyu (Joy) Wu (Ph.D. Cornell University) 2021. First placement: Post-doctoral researcher at LMU Munich.

### *External PhD dissertation committees*

Daniel Obermeier (Ph.D., strategic management, TU Munich), dissertation committee, 2023.

Michela Bonani (Ph.D, Economics, Tilburg University), dissertation opponent, 2023.

Jyri Mattila (Ph.D. Industrial Engineering and Management, Aalto University), dissertation opponent, 2021.

Robert Van Der Have (Ph.D., Industrial Engineering and Management, Aalto University), dissertation pre-examiner, 2020.

## **PROFESSIONAL ACTIVITIES**

*Associate Editor, Research Policy 2020-*

### *Editorial board member*

Innovation: Organization and Management (newly launched journal) 2017-

Academy of Management Journal 2013-

Industrial and Corporate Change 2013-

Research Policy 2016-2019

Strategic Management Journal 2009-

Industry and Innovation 2006-

### *Occasional reviewer*

National Science Foundation (United States), Organization Science, Management Science, Economic Journal, Economic Inquiry, Research Policy, International Journal of Industrial Organization, Journal of Economic Behavior and Organization, Information Economics and Policy, Journal of Evolutionary Economics, Economics of Innovation and New Technology, Industrial and Corporate Change, Structural Change and Economic Dynamics, Industry and Innovation, Technovation, Asia Pacific Management Review, International Journal of Technology Management, Finnish Economic Papers, Academy of Management conference (Business and Public Policy division and the Technology and Innovation Management division), SNF – Swiss National Science Foundation, Danish Council for Independent Research/Social Sciences.

### *Service: Cornell University*

Senior Director of Programs, Dyson School of Applied Economics and Management 2022–

Area Coordinator, Strategy and Business Economics 2020–2022  
Program Director, MPS in Applied Economics and Management 2019–

*Media coverage*

[NBC News](#): “Why are airlines squaring off against wireless companies over 5G?” 1/19/2022.

[The Washington Post](#): “Wireless carriers to limit 5G near airports as airlines warn of major disruptions” 1/18/2022.

[The Globe and Mail](#): “Video-conferencing company Zoom facing backlash over security, privacy concerns” 4/9/2020

[WSYR-TV/News Channel9](#): “5G” 2/6/2020