

CURRICULUM VITAE

January 1, 2023

PERSONAL

Name Aija E. Leiponen
Current Employment Professor
Dyson School of Applied Economics and Management
SC Johnson College of Business
Cornell University
E-mail aija.leiponen@cornell.edu

EDUCATION

1993-2000 Ph.D., Helsinki School of Economics

EMPLOYMENT

Cornell University, Dyson School of Applied Economics and Management

1/2019 – current Professor
11/2008 – 12/2018 Associate professor with tenure
8/2001 – 10/2008 Assistant professor

Aalto University, School of Science, Department of Industrial Engineering and Management, Institute of Strategy

8/2016 – 7/2017 Visiting professor

Imperial College Business School, Innovation and Entrepreneurship group

7/2009 – 9/2016 Associate professor, visiting professor (20% appointment)

RECENT PUBLICATIONS

Peer reviewed

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).

Leiponen A. and Delcamp H. (2019). The Anatomy of a Troll: Patent Licensing Business Models in the Light of Patent Reassignment Data. *Research Policy* 48(1): 298-311 (*Impact Factor* 5.425).

Other publications

P. Koutroumpis, A. Leiponen, and L. Thomas. Data Market Strategy. Forthcoming in Cennamo, Dagnini & Zhu (Eds.). *Elgar Handbook on Digital Strategy*.

WORK IN PROGRESS

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

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

A. Leiponen and L. Thomas. Decentralized Innovation Platforms. Working paper available.

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

RECENT PRESENTATIONS

Invited

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.

Markets for Data. Invited presentation at the Intersection of Business, Law, and Technology conference. University of Florida Levin College of Law. Gainesville November 2019.

Innovation Strategies in Data Markets. NYU Stern Digital Innovation Conference September 2019.

Symposium speaker: Managing Multisided Platforms. Academy of Management annual meeting, Philadelphia, August 2019.

Invited keynote speaker on the Division of Innovative Labor: Interfirm Coordination. Consortium for Competitiveness and Cooperation, Duke University, June 2019.

PAEs and cooperation in standard setting. Invited presentation: Searle Center Research Roundtable on Patents and Technology Standards. Northwestern University School of Law. Chicago May 2019.

Conferences and seminars

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)

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)

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.

Symposium organizer and speaker: The Firm as a Nexus of Smart Contracts: Blockchain-based Algorithmic Governance of Exchange. Academy of Management annual meeting, Philadelphia, August 2019.

TEACHING AND ADVISING

Cornell University

Executive Education: “Innovating 5G” eCornell online course and in-person event for AT&T internal and AT&T Summit. Dallas, Sept 2019 and Nov 2019.

AEM 3220, co-listed as AEM 5220, Digital Business Strategy: spring 2002–2008; fall 2011–2015, 2017-2021 (cross-listed in the undergraduate program in Information Science, in the graduate program of the Cornell Institute for Public Affairs, and in the Entrepreneurship@Cornell program)

AEM 4370, Strategy and Innovation: fall 2002, 2003, spring 2005–2008, fall 2011–2013 (cross-listed in the graduate program of the Cornell Institute for Public Affairs and in the Entrepreneurship@Cornell program)

AEM 4371/6371 Innovation Case Studies: spring 2018–2020 (7-week course)

AEM 6991 MPS Research and Methods, fall 2018–2021 (co-taught).

Graduate advising

Xiaomeng Chen (Ph.D. Cornell University, committee member) expected 2023.

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.

Maria Gradillas (Ph.D. Imperial College Business School) 2018. First placement: Post-doctoral researcher at University College London.

Anna Grosman (Ph.D. Imperial College Business School) 2013. First placement: Aston Business School.

Theoni-eirini (Noni) Symeonidou (Ph.D. Imperial College Business School, committee member) 2013. First placement: Warwick Business School (now tenured).

Jiahong Zhang (Ph.D. Applied Economics and Management) 2010. First placement: University of Shanghai.

PROFESSIONAL ACTIVITIES

Associate Editor, Research Policy 2020-

Occasional reviewer

Journal of Political Economy, National Science Foundation (United States), Strategic Management Journal, Organization Science, Management Science, Economic Journal, Economic Inquiry, Research Policy, International Journal of Industrial Organization, Journal of Economic Behavior and Organization, Industrial and Corporate Change, Academy of Management conference (Business and Public Policy division and the Technology and Innovation Management division)

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–

Memberships

Academy of Management, American Economic Association, International Joseph A. Schumpeter Society, International Society for New Institutional Economics (ISNIE), European Association for Research in Industrial Economics (EARIE), Kansantaloudellinen Yhdistys (The Finnish Economic Society).

Industry engagement

eCornell online course development: Innovating 5G 2019-2020

Executive education: AT&T 2019; Dallas Business Club 2020

Technology Industries Association of Finland: Data Markets and Strategies September 2018.

Basware business development summit: Data Strategies May 2018.

Elisa Telecommunications IoT and strategy consulting 2015-17.

Recent 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

[Axios](#): “Apple needs a new act” 6/18/2019

[Yahoo News UK](#): “Apple schedules event for March 25 – but what is it launching? 3/12/2019