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BIO

I am an Assistant Professor of Management Information Systems at the Fox School of Business, Temple University, and I serve as an Associate Editor at the *European Journal of Information Systems*. I hold a PhD from the London School of Economics and Political Science (UK). In my research, I use quantitative and qualitative methods to study new forms of organizing and innovation based on digital data and platforms. My publications have appeared in *Management Science*, *Information Systems Research*, *MIS Quarterly*, *Journal of Management Information Systems*, and in other high-quality journals.

Before joining academia, I designed and built digital services for organizations such as Nokia and CMI – Martti Ahtisaari Peace Foundation founded by Nobel Peace Laureate and former President of Finland Martti Ahtisaari. After completing my PhD at the London School of Economics and Political Science, I cofounded and helped to raise 1.7 million euros in funding for an activity tracking app Moves. Apple chose Moves as the Best App of 2013 in the Fitness Revolution category, and the company was acquired by Facebook in April 2014.

EDUCATION

2012 Ph.D. in Information Systems, the London School of Economics and Political Science, UK

2005 M.Soc.Sc. in Sociology, University of Helsinki, Finland¹

PUBLICATIONS

Refereed Journal Articles

1. Shi, R., Aaltonen, A., Henfridsson, O., & Gopal, R. (2023). Comparing platform owners' early and late entry into complementary markets. *MIS Quarterly*, 47(4), 1727–1744.
<https://doi.org/10.25300/MISQ/2023/17413> [research note]

¹ My Masters degree includes my undergraduate studies, which used to be common practice in Finland.

2. Aaltonen, A., & Stelmaszak, M. (2023). The performative production of trace data in knowledge work. *Information Systems Research*, Articles in Advance. <http://dx.doi.org/10.1287/isre.2019.0357> [research note]
3. Aaltonen, A., Alaimo, C., & Kallinikos, J. (2021). The making of data commodities: Data analytics as an embedded process. *Journal of Management Information Systems*, 38(2), 401–429. <https://doi.org/10.1080/07421222.2021.1912928> [research article]
4. Aaltonen, A., & Seiler, S. (2016). Cumulative growth in user-generated content production: Evidence from Wikipedia. *Management Science*, 62(7), 2054–2069. <https://doi.org/10.1287/mnsc.2015.2253> [research article]
5. Aaltonen, A., & Lanzara, G. F. (2015). Building governance capability in online social production: Insights from Wikipedia. *Organization Studies*, 36(12), 1649–1673. <https://doi.org/10.1177/0170840615584459> [research article]
6. Aaltonen, A., & Tempini, N. (2014). Everything counts in large amounts – a critical realist case study on data-based production. *Journal of Information Technology*, 29(1), 97–110. <https://doi.org/10.1057/jit.2013.29> [research article]
7. Kallinikos, J., Aaltonen, A., & Marton, A. (2013). The ambivalent ontology of digital artifacts. *MIS Quarterly*, 37(2), 357–370. <https://doi.org/10.25300/MISQ/2013/37.2.02> [issues and opinions article]
8. Kallinikos, J., Aaltonen, A., & Marton, A. (2010). A theory of digital objects. *First Monday*, 15(6–7). <https://doi.org/10.5210/fm.v15i6.3033> [research article]
9. Aaltonen, A. (2006). Rakennushanke moniaineeksisenä prosessina – esimerkkinä Ilmatieteen laitoksen ja Merentutkimuslaitoksen yhteisen toimitalon syntyvaiheet [“The shaping of a construction project: The case of the Finnish Meteorological Institute and the Finnish Institute of Marine Research building”]. *Yhdyskuntasuunnittelu*, 2006(2), 24–45. <http://www.yss.fi/aaltonen.pdf> [research article]

The publication was chosen as the best urban studies publication in 2006 in Finland.

Refereed Journal Articles Under Review or in Preparation for (Re)submission

1. “Timely Quality Problem Resolution in Peer-production Systems: Impacts of Contributor Experience and Control Mechanisms” (with Mindel, Mathiassen, Rai and Jabr), *Information Systems Research*, 4th round, conditionally accepted, preparing for resubmission
2. “Not Good Enough, but Try Again! The Quality–retention Trade-off in Open Knowledge Collaboration” (with Wattal), *Management Science*, 3rd round, major revision, preparing for resubmission
3. “Making Personal Data Personal: Using Fuzzy Data Objects to Represent Gender Identity” (with Stelmaszak, Masiero, Wyers and Wagner), *Information and Organization*, 2nd round, major revision, preparing for resubmission
4. “The Identity of Digital Platform Ecosystems and Implications for Ecosystem Evolution” (with Constantinides and Cennamo), *The Academy of Management Journal*, 1st round, under review
5. “Data innovation: A New Frontier of Digital Innovation” (with Stelmaszak), *Information Systems Research*, preparing for initial submission
6. “What Happens to Ratings When Both Sides Multihome? The Impact of Vertical Spillover Effect on Platform Competition and Ratings Inflation” (with Vorotyntseva, Kumar and Pavlou), *Information Systems Research*, preparing for initial submission

Refereed Conference Proceedings

1. Zhao, Z., & Aaltonen, A. (2023). Mastering efficiency: Leveraging multihoming boundary resources for mobile app development. *ICIS 2023 Proceedings*, 9.
<https://aisel.aisnet.org/icis2023/diginnoventren/diginnoventren/9>
2. Zhao, Z., & Aaltonen, A. (2023). Kill two birds with one stone: Using multihoming boundary resources in mobile app development. *AMCIS 2023 Proceedings*, 4.
https://aisel.aisnet.org/amcis2023/eco_systems/eco_systems/4/
AMCIS 2023 Top 25% ERF Paper
3. Vorotyntseva, Y., Aaltonen, A., Kumar, S., & Pavlou, P. (2022). Can platform competition drive ratings inflation? The impact of vertical spillover effects. *ICIS 2022 Proceedings*, 5.
https://aisel.aisnet.org/icis2022/online_reviews/online_reviews/5/
4. Vorotyntseva, Y., Aaltonen, A., Kumar, S., & Pavlou, P. (2022). Can platform competition drive ratings inflation? The impact of vertical spillover effects. *ECIS 2022 Research Papers*, 83.
https://aisel.aisnet.org/ecis2022_rp/83/
5. Aaltonen, A., & Penttinen E. (2021). What makes data possible? A sociotechnical view on structured data innovations. *Proceedings of the 54th Hawaii International Conference on System Sciences*, 5922–5931. <http://hdl.handle.net/10125/71336>
6. Stelmaszak, M., & Aaltonen, A. (2020). Working in the analytical cage: The decline of transformative agency in the age of datification. *IFIP Joint Working Conference: Proceedings for Research-in-Progress Papers*, 88–97.
7. Aaltonen, A., & Wattal, S. (2020). Rejecting and retaining new contributors in open knowledge collaboration: A natural experiment in Stack Overflow Q&A service. *ECIS 2020 Research Papers*, 183. https://aisel.aisnet.org/ecis2020_rp/183/
8. Kang, C., Aaltonen, A., & Henfridsson, O. (2019). The impact of platform entry strategies on the quality of complements in multihoming. *ICIS 2019 Proceedings*, 3.
https://aisel.aisnet.org/icis2019/is_heart_of_innovation_ecosystems/innovation_ecosystems/3/
9. Shi, R., Aaltonen, A., & Henfridsson, O. (2019). Seeding for quality of platform complements: Evidence from Amazon's Alexa ecosystem. *PACIS 2019 Proceedings*, 138.
<https://aisel.aisnet.org/pacis2019/138/>
10. Stelmaszak, M., & Aaltonen, A. (2018). Toward a bidirectional view of causality in big data analytics: The case of learning analytics. *Academy of Management Global Proceedings*, Surrey, 2018.
<https://journals.aom.org/doi/abs/10.5465/amgblproc.surrey.2018.0168.abs>
11. Stelmaszak, M., & Aaltonen, A. (2018). Closing the loop of big data analytics: The case of learning analytics. *ECIS 2018 Research Papers*, 82. https://aisel.aisnet.org/ecis2018_rp/82/
12. Charoenpanich, A., & Aaltonen, A. (2015). (How) does data-based music discovery work? *ECIS 2015 Completed Research Papers*, https://aisel.aisnet.org/ecis2015_cr/26
13. Aaltonen, A., & Lanzara, G. F. (2011). Governing social production in the Internet: The case of Wikipedia. *ECIS 2011 Proceedings*, 49. <http://aisel.aisnet.org/ecis2011/49/>
14. Aaltonen, A., & Eaton, B. (2009). Exploring the impact of real-time communication on media choice in the context of distributed work. *ECIS 2008 Proceedings*, 5. <https://aisel.aisnet.org/ecis2008/5/>
15. Aaltonen, A. (2008). Organizing control in real-time environment: The use of real-time communications in an educational start-up. In S. Vidolov, P. O'Scolai, R. G. L. Rajão, I. Faik & A. Higgins (Eds.), *Heterogeneities, multiplicities and complexities: Towards subtler understandings of links between technology, organisation and society* [CITO Proceedings Series 1]. University College Dublin.

Refereed Book Chapters

1. Alaimo, C., & Aaltonen, A. (2023). Strategizing with data: Data-based innovations and complementarities. In C. Cennamo, G. B. Dagnino & F. Zhu (Eds.), *Research Handbook on Digital Strategy* (pp. 239–254). Edward Elgar.
2. Alaimo, C., Kallinikos, J., & Aaltonen, A. (2020). Data and value. In S. Nambisan, K. Lyytinen & Y. Yoo (Eds.), *Handbook of Digital Innovation* (pp. 162–178). Edward Elgar.
3. Aaltonen, A., & Kallinikos, J. (2013). Coordination and learning in Wikipedia: Revisiting the dynamics of exploitation and exploration. *Research in the Sociology of Organizations*, 37, 161–192.

Research Monographs

1. Hasu, M., Keinonen, T., Mutanen, U.-M., Aaltonen, A., Hakatie, A., & Kurvinen, E. (2004). *Muotoilun muutos. Näkökulmia muotoilutyön organisoinnin ja johtamisen kehityshaasteisiin 2000-luvulla* [“Changing design: Perspectives on managing and organizing industrial design in the new millennium”]. Teknologiateollisuus.

Non-refereed Articles in Academic Journals

1. Aaltonen, A., Alaimo, C., Parmiggiani, E., Stelmaszak, M., Jarvenpaa, S. L., Kallinikos, J. & Monteiro, E. (2023). What is missing from research on data in information systems? Insights from the inaugural workshop on data research. *Communications of the Association for Information Systems*, 53, 475–490. <https://doi.org/10.17705/1CAIS.05320>

Non-refereed Professional Journal Articles

1. Aaltonen, A., & Seiler, S. (2014). Wikipedia: The value of open content production. *CentrePiece*, 19(2), 11–13. <http://cep.lse.ac.uk/pubs/download/cp428.pdf>
2. Aaltonen, A. (2013). The beauty and perils of metrics. *Mercury Magazine*, 2(3), pp. 44–47. <http://www.fek.uu.se/download.asp?doc=mercury%2FMM3.P44-47.pdf>

Theses

1. Aaltonen, A. (2011). *Manufacturing the digital advertising audience* [Doctoral dissertation, the London School of Economics and Political Science]. LSE Theses Online. <http://etheses.lse.ac.uk/198/>
2. Aaltonen, A. (2005). Where do the construction projects come from? The case of the Kumpula project [Master’s dissertation, University of Helsinki]. <http://aleksi.info/downloads/where-do-the-construction-projects-come-from.pdf>

Book Chapters

1. Aaltonen, A. (2006). Muotoilun avulla kohti ratkaisukeskeistä rakennustuoteliiketoimintaa [“Using industrial design for solution-driven construction product business”]. In U.-M. Mutanen, J. Virkkunen & T. Keinonen (Eds.), *Muotoiluosaamisen kehittäminen teknologiayrityksissä*. Teknologiateollisuus.

Working Papers

1. Gao, Y. and Aaltonen, A. (2021). Does the outsider help? The impact of bug bounty programs on data breaches. SSRN. <https://dx.doi.org/10.2139/ssrn.3908761>

2. Aaltonen, A. (2021). Graphing the research process: Toward modular empirical research. SSRN. <https://dx.doi.org/10.2139/ssrn.3907702>
3. Masiero, S. & Aaltonen, A. (2021). Gender bias in information systems research: A literature review. SSRN. <https://dx.doi.org/10.2139/ssrn.3751440>

Miscellaneous Contributions

1. Expert contributor to “Issues Paper on Data for Development” prepared by the UNCTAD Secretariat and presented at the Inter-sessional Panel 2023-2024 of the United Nations Commission on Science and Technology for Development, November 6-7, 2023, Lisbon, Portugal
https://unctad.org/system/files/information-document/CSTD2023-2024_Issues01_data_en.pdf

Other Writings

See the appendix for my newspaper columns, blogs posts, etc.

PRESENTATIONS IN SELECTIVE CONFERENCES, INVITED TALKS AND SEMINARS

1. “The Performative Production of Trace Data in Knowledge Work”, invited talk at *Bentley University*, 15 September 2023, Waltham, MA.
2. Panelist in the “Algorithmic Bias and Data Injustice: Dark Side or Dark Matter?” panel symposium, *83rd Annual Meeting of the Academy of Management*, 4–8 August 2023, Boston, MA
3. “What Happens to Ratings When Both Sides Multihome? The Impact of Vertical Spillover Effect on Platform Competition and Ratings Inflation”, presentation in the *1st European Digital Platform Research Network (EU-DPRN) Summit*, Bocconi University, 9 June 2023, Milan, Italy.
4. “Humans vs AI: The Impact of Source Credibility and Recommendation Quality on the Adoption of Programming Solutions”, presentation in the *Methodology, Organization, and Management (MOM): Technological Adoption and Human-Algorithm Interaction* workshop, Harvard Business School, 19–20 May 2023, Cambridge, MA
5. Panelist in the *AI and Emerging Technologies: Beyond the Hype* workshop, LUISS University, 11–12 May 2023, Rome, Italy
6. “Humans vs AI: The Impact of Source Credibility and Recommendation Quality on the Adoption of Programming Solutions”, presentation in the *AI and Emerging technologies: Beyond the Hype* workshop, LUISS University, 11–12 May 2023, Rome, Italy
7. “Working in an Analytical Cage: The Paradox of Agency in Workplace Datafication”, presentation in the *11th International Workshop on the Changing Nature of Work (AIS SIG CNoW)*, 10 December 2022, Copenhagen, Denmark
8. “Can Platform Competition Drive Ratings Inflation? The Impact of Vertical Spillover Effects”, presentation in *Platform Strategy Research Symposium*, 19 July 2022, Boston, MA
9. “Beyond the Facts: Data as Digital-Semantic Artifacts”, invited talk at *Aalto University*, 12 May 2022, Finland.
10. “Beyond the Facts: Data as Digital-Semantic Artifacts”, invited talk at *University of Jyväskylä*, 15 March 2022, Finland.
11. “Not Good Enough but Try Again!”, invited talk at the *Fox School of Business*, 11 February 2022, PA.
12. “Not Good Enough but Try Again!”, invited talk at the *University of Miami*, 3 December 2021, FL.

13. "Graphing the Empirical Research Process", online presentation at *INFORMS Annual Meeting*, 24–27 October 2021.
14. "Rejecting and Retaining New Contributors in Open Knowledge Collaboration: A Natural Experiment in Stack Overflow", presentation at *CIST*, 24 October 2021, Los Angeles, CA.
15. "Data and Value", invited talk at the Research Seminar at the *University of Oslo*, 8 June 2021, Norway.
16. "The Making of Data Commodities: Data Analytics as an Embedded Process", invited talk at the *Virtual Nordic ISS Seminar Consortium*, 8 April 2021, Finland.
17. "What Makes Data Possible? A Sociotechnical View on Structured Data Innovations", online presentation at the *54th Hawaii International Conference on System Sciences (HICSS)*, 12 January 2021, HI. <http://hdl.handle.net/10125/71336>
18. "Gender Bias in Information Systems Research: A Literature Review", online presentation at the *1st AISWN International Research Workshop on Women, IS, and Grand Challenges*, 13 December 2020.
19. "Theorizing Information Systems Generativity", presentation at the *Loughborough University*, 6 March 2020, Loughborough, UK
20. "Big Data, Analytics and the Rise of Con-figuration Work ", presentation at *INDEX, University of Exeter Business School*, 5 March 2020, London, UK.
21. "Big Data, Analytics and the Rise of Con-figuration Work ", presentation at the *Royal Holloway, University of London*, 4 March 2020, London, UK.
22. "Theorizing Information Systems Generativity", presentation in MG500 seminar series at the *London School of Economics and Political Science*, 3 March 2020, London, UK.
23. "Spillover Effect of Hosting 'Bad' Online Reviews: An Empirical Investigation", presentation in the *30th Workshop on Information Systems and Economics (WISE)*, 19–20 December 2019, Munich, Germany.
24. "Big Data, Analytics and the Rise of Con-figuration Work", presentation in the *IFIP 9.1 – 8th International Workshop on the Changing Nature of Work (CNoW)*, 15 December 2019, Munich, Germany
25. "Toward a Bidirectional View of Causality in Big Data Analytics: The Case of Learning Analytics", presentation in the *AoM Specialized Conference on Big Data and Managing in a Digital Economy*, 18–20 April 2018, University of Surrey, UK.
26. "The Generativity of the Social Web: A Multi-case Enquiry into Generative Patterns of Social Media Platforms", presentation in the *4th Innovation in Information Infrastructures (III) Workshop*, 13–15 October 2015, Warwick Business School, UK.
27. "Making Up Digital Advertising Audiences: The New Form of Contracting Human Attention", presentation in the *31st European Group for Organizational Studies (EGOS) Colloquium*, 2–4 July 2015, Athens, Greece.
28. "The evolving *societas* of online social production systems: Capabilities and rights in the governance of Wikipedia", presentation in the *5th Latin American and European Meeting on Organization Studies (LAEMOS)*, 2–5 April 2014, Havana, Cuba.
29. "Digital data as organizing technology", presentations in the *29th European Group for Organizational Studies (EGOS) Colloquium*, 4–6 July 2013, Montreal, Canada.
30. "In search of the hidden pattern: mystery and mastery in Wikipedia evolution", presentation at a *Decade in Internet Time Symposium*, 21–24 September 2011, Oxford Internet Institute, UK.

31. "Computational data, measurement and the double bind of audience information", presentation in the *27th European Group for Organizational Studies (EGOS) Colloquium*, 7–9 July 2011, Gothenburg, Sweden.
32. "Governing social production in the Internet: the case of Wikipedia", presentation in the *27th European Group for Organizational Studies (EGOS) Colloquium*, 7–9 July 2011, Gothenburg, Sweden.
33. "Governing social production in the Internet: the case of Wikipedia", presentation in the *19th European Conference on Information Systems (ECIS)*, 9–11 June 2011, Helsinki, Finland.
34. "Making up mobile advertising audience" and "Unpacking Wikipedia governance: The emergence of a bureaucracy of peers?", presentations in the *3rd Latin American and European Meeting on Organization Studies (LAEMOS)*, 7–10 April 2010, Buenos Aires, Argentina.
35. "Exploring the impact of real-time communication on media choice in the context of distributed work", presentation in the *17th European Conference on Information Systems (ECIS)*, 8–10 June 2009, Verona, Italy.
36. "Organizing control in real-time environment: The use of real-time communications in an educational startup", presentation in the *24th European Group for Organizational Studies (EGOS) Colloquium*, 10–12 July 2008, Vrije University, The Netherlands.
37. "Across boundaries in real-time: The use of real-time communications in an educational startup", presentation in the *Triangular Post-Graduate Conference*, 5–6 June 2008, UCD School of Business, Ireland.
38. "Studying information growth in Skype system", panel presentation in the *3rd Social Study of ICT Open Research Forum (SSIT-ORF)*, 21 March 2007, the London School of Economics and Political Science, UK.
39. "Rakennetun ympäristön muutos rakennushankkeen näkökulmasta", presentation in the *annual Finnish urban studies conference*, 21 April 2005, Helsinki, Finland.
40. "Kilpailukykyä muotoilusta?", poster presentation in "*TIETOFOORUMI - Suomalainen tieteidenvälinen Knowledge Workshop*", 11 October 2004, Espoo, Finland
41. "Network dynamics in construction: Building new premises for two research institutes", presentation in the *4S/EASST Conference*, 25 August 2004, Paris, France.
42. "Rakennetun ympäristön muutoksen tarkastelua rakennushankkeen näkökulmasta", presentation in the *annual Finnish urban studies conference*, 28 May 2004, Helsinki, Finland.
43. "Kamppailu rakentamispäätöksestä eli 'tuleeko tästä taloa lainkaan?'", presentation in the *Finnish Society for Science and Technology Studies conference*, 11 March 2004, Helsinki, Finland.
44. "Building for the future? Sustainability as future-oriented practices in building design", presentation in the *27th Annual 4S Meeting*, 15 October 2003, Atlanta, GA.
45. "Matkapuhelimen aiheuttama häiriö sosiaalisesti keskittyneissä tilanteissa", presentation in the *National Consumer Research Centre seminar*, 16 May 2002, Helsinki, Finland.

ACADEMICS AWARDS, HONORS AND GRANTS

Awards and Honors

1. Best conference paper nominee "The Vertical Spillover Effect of Online Ratings on Platform Competition: An Empirical Investigation" at the *30th Workshop on Information Technologies and Systems*, 16 December 2020.

2. Outstanding Associate Editor (Governance, Strategy and Value of IS track), *International Conference on Information Systems (ICIS)*, 2019.
3. The best urban studies publication in Finland 2006 “Rakennushankeen moniaineksinen muotoutuminen: Esimerkkinä Ilmatieteen laitoksen ja Merentutkimuslaitoksen uusi toimitalo” published in the main Finnish urban studies journal *Yhdyskuntasuunnittelu* (2006 issue 2).
4. Honorable Mention in Pro Oeconomia competition (the best business books in Finland) for Hasu et al. (2004).

Grants

1. 1,800 USD grant from the 26th Young Scholars Interdisciplinary Forum for “The Quality–Retention Trade-off in Open Knowledge Collaboration”, June 2023, Fox School of Business, PA.
2. 2,500 USD grant from the 26th Young Scholars Interdisciplinary Forum for “Decoding Coding Advice: Algorithm Appreciation and Aversion in the Adoption of Programming Solutions”, June 2023, Fox School of Business, PA.
3. 1,800 USD grant from the 25th Young Scholars Interdisciplinary Forum for “Kill Two Birds with One Stone: Using Cross-platform Boundary Resources in Mobile App Development”, December 2022, Fox School of Business, PA.
4. 3,000 USD grant from the 20th Young Scholars Interdisciplinary Forum for “Rejecting and Retaining New Contributors in Open Knowledge Collaboration”, April 2020, Fox School of Business, PA.
5. Information Systems Research Studentship for PhD studies at the London School of Economics and Political Science, 2010, UK.
6. Information Systems Research Studentship for PhD studies at the London School of Economics and Political Science, 2009, UK.
7. Information Systems Research Studentship for PhD studies at the London School of Economics and Political Science, 2008, UK.
8. Information Systems Research Studentship for PhD studies at the London School of Economics and Political Science, 2007, UK.
9. British Sampo Scholarship for PhD studies at the London School of Economics and Political Science, Finland.

GRADUATE STUDENT ADVISING

PhD Student Supervisor (UK)

1. Runyu Shi, successfully completed Ph.D. in February 2023, Warwick Business School, UK.
2. Jacintha Odonye, successfully completed Ph.D. in July 2022, Warwick Business School, UK.
3. Chengcheng Kang, successfully completed Ph.D. in May 2022, Warwick Business School, UK.

Dissertation Committee Member

1. Derrick Gray, successfully completed DBA in 2020, Athabasca University, Canada.

TEACHING

Program Leadership

1. Director, the PhD Business Administration in Management Information Systems concentration, Fall 2023–, Fox School of Business, PA.
2. Director, the BSc Digital Innovation and Entrepreneurship program, Fall 2017–Spring 2018, Warwick Business School, UK.

Courses Taught as the Responsible Teacher

I have been the teacher responsible for syllabus planning, preparing materials and exercises, the delivery of teaching, and assessing students for the following courses.

1. Advanced Quantitative Methods in IS (MIS 9004), Fall 2023–, PhD level, Fox School of Business, PA.
2. Data Science (MIS0855), Fall 2019–, Undergraduate level (General Education), Fox School of Business, PA.
3. Data as the Lifeblood of Digital Revolution (37E4400001), May 2022, Postgraduate/PhD level, Aalto University, Finland.
4. Information Systems Integration (MIS4596), Fall 2018–Spring 2019, Undergraduate level, Fox School of Business, PA.
5. Business System Analysis (IB1350), Spring 2015–Spring 2018, Undergraduate level, Warwick Business School, UK.
6. Strategic Information Systems Management (IB3700), Fall 2014–Spring 2018, Undergraduate level, Warwick Business School, UK.
7. Information Technology and Service Innovation (MG4C3), Spring 2015, Postgraduate level, the London School of Economics and Political Science, UK.

Teaching Awards

1. Full-Time MIS Faculty Teaching Award 2023, Fox School of Business, PA.
2. Outstanding Contribution to the PhD Programmes 2016–2017 Award, Warwick Business School, UK.

SERVICE AND LEADERSHIP

Service to Academic Department

1. "MIS Distinguished Speaker Series"; I am the organizer for the departmental seminar series at the Department of Management Information Systems at Fox School of Business, Fall 2022–.
2. Member of the departmental postgraduate student committee at the Department of Management Information Systems at Fox School of Business, Fall 2022 –.
3. Member of the departmental merit committee at the Department of Management Information Systems at Fox School of Business, Fall 2020–Spring 2021.
4. "Information Systems Research Forum (ISRF)"; I organized a series of events around invited speakers during the academic year at the Information Systems and Innovation Group at the London School of Economics and Political Science, 2007–2008.

Service to School

1. Teaching high-performing high school students as a part of B4USoar program, Fall 2021–, Fox School of Business, PA.
2. MIS department representative to Communications and Information Technology (CIT) committee, Fall 2019–Fall 2020, Fox School of Business, PA.

Service to University

1. The Fox School of Business faculty representative to the Task Force for General Education Reform, Summer 2023–.

Service to Academy

Service to Journals

1. Associate Editor, *European Journal of Information Systems*, January 2024–.
2. Editorial Board Member, *Journal of Information Technology*, 2021–.
3. 172 paper reviews and editorial reports for various journals and conferences.

Chairing and Organizing Events

1. “Algorithmic Bias and Data Injustice: Dark Side or Dark Matter?”; I co-organized and joined a panel symposium in 83rd Annual Meeting of the Academy of Management, August 4–8, 2023.
2. “Algorithmic Bias and Data Injustice” track chair, 31st European Conference on Information Systems, June 11–16, 2023.
3. “Towards Health Futures: Innovating with Health Data”; I co-organized and joined as a panel speaker a pre-ICIS workshop focusing on innovation with data in health, December 11, 2022.
4. “Inaugural Workshop on Data Research: What Is Missing from Research on Data in IS?”; I organized and co-chaired an invitation-only online workshop on the study of data in the field of information systems, March 10, 2022.
5. “Digital Platforms in, from and in-between the Global South and North”; I co-chaired a conference track in the IFIP9.4 Virtual Conference discussing digital platforms from the perspective of the Global South, May 26, 2021.
6. "4th Quadrangular Conference on Technology, Organizations and Society"; I was a member of the organizing committee for a three-day workshop at the London School of Economics and Political Science organized by PhD students from LSE, University of Cambridge, Lancaster University and University College Dublin, June 21–23, 2010.
7. "The Harman Review: Bruno Latour’s Empirical Metaphysics Symposium"; I was a member of the organizing committee for the culmination of PhD student reading group Actor-Network Theory – Heidegger Meeting (ANTHEM) as a half-day symposium at the London School of Economics and Political Science with Prof. Bruno Latour as the keynote speaker, February 5, 2008.

Service to Profession/Industry

1. Regular columnist writing about data economy for a Finnish Tekniikka&Talous (“Technology and economy”) magazine.

2. Mentor and member of Health Traffic Light team what won Hack from Home COVID-19 hackathon event 4–5 April 2020.

WORK EXPERIENCE

Academic Work Experience

- 2018– Assistant Professor at the Fox School of Business, the Department of Management Information Systems, Temple University, PA
- 2014–2018 Assistant Professor and Course Director for BSc Digital Innovation and Entrepreneurship at the Information Systems & Management Group, Warwick Business School, UK
- 2011–2013 Postdoc and Project Researcher in 3DGIS project, Hanken School of Economics, Finland
- 2007–2013 Part-time lecturer and Graduate Teaching Assistant for various courses at the Information Systems and Innovation Group, the London School of Economics and Political Science, UK
- 2003–2004 Research Assistant at the Center for Activity Theory and Developmental Work Research for the Proactive Design (PROOMU) project, University of Helsinki, Finland.

Visiting Academic Positions

- 2013–2014 Visiting Fellow at the Department of Management, Information Systems and Innovation Group, the London School of Economics and Political Science, UK

Industry Work Experience

- 2012–2013 ProtoGeo, Finland; Co-founder and the Chairman of the Board at a startup company that developed Moves activity tracking app for iPhone and Android
Apple chose Moves app as the Best App of 2013 in the Fitness Revolution category and the company was acquired by Facebook in 2014.
- 2006–2009 io2, Finland; Founder of a small consulting company helping its clients align their business and systems development by integrated user analysis, design management and implementation
- 2006 Satama, Finland; Senior Designer
- 2001–2005 Crisis Management Initiative, Finland; Project Officer and Technology Expert in the Helsinki Process on Globalisation and Democracy and the Information Technology and Crisis Management projects.
The organization was headed by Nobel Peace Prize winner and the former President of Finland Martti Ahtisaari.
- 2001–2002 ShiftControl, Finland; Co-founder, Concept and User-Interface Designer at a social networking-based recruitment startup
- 1998–2001 Satama Interactive, Finland; Designer and Project Manager for key projects and clients such as www.nokia.com and Toyota
- 1997–1998 Finnish Environment Institute, Finland; Member of a non-military service team developing a CD-ROM presentation (published 2000 as Suomen Luonto CD-Fakta) on the Finnish environment

1994–1998 To the Point, Finland; Producer of several award-winning multimedia presentations

OTHER AWARDS, HONORS AND GRANTS

1. Winner of the Hack from Home COVID-19 hackathon event organized by Case Western Reserve University, HAT-LAB, NHSX and the Ethical Tech Alliance, April 4–5, 2020.
2. Apple chose Moves app as the Best App of 2013 in the Fitness Revolution category.
3. Re:Spekt Best Design award for ShiftControl recruitment service, December 2001.
4. 1st Honorable Mention in EMMA Awards for “Nokia Connecting People” CD-ROM and infokiosk presentation, 1997.
5. 2nd Prize in Media&Message Competition in series “Educational CD-ROM Programs” for “Nokia Telecommunications Induction” CD-ROM, 1997.
6. 1st Prize in Markkinointi&Mainonta New Media Competition series “Other Interactive Productions” for the info kiosks of the Finnish Postal Museum, 1995
7. 1st Prize in Markkinointi&Mainonta New Media Competition series “CD-ROM” for “ABB, DTC” CD-ROM, 1995.

Updated January 1, 2024