Hooman Hidaji

Haskayne School of Business, University of Calgary
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October 2026

Academic Appointments

Haskayne School of Business, University of Calgary

Associate Professor of Business Technology Management	2025-present
Assistant Professor of Business Technology Management	2019-2025
Visiting Assistant Professor of Business Technology Management	2017-2019

Education

Alberta School of Business, University of Alberta

Ph.D. Business - Operations and Information Systems	2017

Amirkabir University of Technology

M.Sc. Industrial Engineering - Financial Engineering	2012

Iran University of Science and Technology

B.Sc. Industrial Engineering - Industrial Technology	2009

RESEARCH

Interests

Economics of information systems, data privacy, data policy, data portability, platforms, online information sharing, IT supply chains and investments, data markets, and cybersecurity.

Publications (Peer-Reviewed Journal Articles)

Khern-am-nuai, W., H. Shimao, H. Hidaji, and K. Kannan. 2026. So You Think You are Safe? Implications of Quality Uncertainty in Security Software. *Information Systems Research*$^{U,F,A^{4S}}$ *(forthcoming)*

Vijairaghavan, V., H. Hidaji, and B. Nault. 2026. Consequences of Resorting to Fines and Investments to Regulate Data Portability. *Management Science*$^{U,F,A^{4S}}$ 72(5), 3761-3779.

Birkhead, B., A. Eshghi, R. Gopal, H. Hidaji, and R.A. Patterson.‡ 2025. Algorithms to the Rescue: Market Mechanisms for Fair Trading of Unbiased Individual Data. *Information Systems Research*$^{U,F,A^{4S}}$ 36(4), 2096-2115.

Yeo, M.L., H. Hidaji, E. Rolland, R.A. Patterson, B. Nault, and B. Kolfal. 2025. Service Disruptions and Provider Choice. *ACM Transactions on Management Information Systems* 16(3), 21:1-37.

Gopal, R., H. Hidaji, S. Kutlu, R.A. Patterson, and N. Yaraghi.‡ 2023. Law, Economics and Privacy: Implications of Government Policies on Website and Third-Party Information Sharing. *Information Systems Research*$^{U,F,A^{4S}}$ 34(4), 1375-1397.

Eshghi, A., R. Gopal, H. Hidaji, and R.A. Patterson.‡ 2023. Now You See it, Now You Don't: Analysis of Website Obfuscation Strategies on User Information Sharing. *INFORMS Journal on Computing*$^{U,A^3}$ 35(2), 286-303.

Gopal, R., H. Hidaji, R.A. Patterson, and N. Yaraghi.‡ 2021. Dark Clouds and Silver Linings: Impact of COVID-19 on Internet Users' Privacy. *Journal of American Medical Informatics Association (JAMIA) Open*, ooab100.

Gopal, R., H. Hidaji, S. Kutlu, R.A. Patterson, E. Rolland, and D. Zhdanov.‡ 2020. Real or Not? Identifying Untrustworthy News Websites using Third-Party Partnerships. *ACM Transactions on Management Information Systems* 11(3), 10:1-10:20.

Gopal, R., H. Hidaji, R.A. Patterson, E. Rolland, and D. Zhdanov.‡ 2018. How Much to Share with Third-Parties? User Privacy Concerns and Website Dilemmas. *MIS Quarterly*$^{U,F,A^{4S}}$ 42(1), 143-164.

Gopal, R., H. Hidaji, R.A. Patterson, E. Rolland, and D. Zhdanov.‡ 2016. Design Improvements for Message Propagation in Malleable Social Networks. *Production and Operations Management*$^{U,F,A^4}$ 25(6), 993-1005.

Navaei, J., S.M.T. Fatemi Ghomi, F. Jolai, M. E. Shiraqai, and H. Hidaji. 2013. Two-Stage Flow-Shop Scheduling Problem with Non-Identical Second Stage Assembly Machines. *International Journal of Advanced Manufacturing Technology* 69, 9-12.

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^{U,F,A} Journal ranking reference: U: UTD-24 F: FT-50 A^{4S}, A^4, and A^3: ABS-AJG 4*, 4, and 3.

‡ Author names in alphabetical order.

Working Papers

Shekhar, S., H. Hidaji, and G.K. Tayi. Strategic Investment of Firms in Edge Computing to Complement the Cloud. *(major revision)*

Hidaji, H. Implications of Data Portability. *(major revision)*

Vijairaghavan, V., H. Hidaji, D. Kundisch, and S. Zimmermann. Coercion of Firms by Platforms: Blessing or Curse? *(major revision)*

Kakavand, S., A. Eshghi, and H. Hidaji. Balancing Consent and Monetization. *(under review)*

Kiaee, M. and H. Hidaji. Interoperability versus Data Portability for Fostering Competition. *(under review)*

Zaukeri, P., D. Dao, M.F. Niculescu, and H. Hidaji. Harvest Now, Decrypt Later: Strategic Cybersecurity in the Shadow of Quantum Computing.

Kiaee, M. and H. Hidaji. Constraining Data Sharing with Sellers When Hybrid Platforms Compete

Hidaji, H. and M.L. Yeo. Implications of Provider Output for the Supply Chain.

Hidaji, H. and D. Dao. Provider-Firm Cybersecurity Investment Spillover: Implications for the Supply Chain.

Dao, D. and H. Hidaji. Investing in Cybersecurity in the Presence of Competition and Strategic Attackers.

Eshghi, A., R. Gopal, H. Hidaji, R.A. Patterson, and G.K. Tayi. Welfare Implications of User Pricing Power in the Market for Attention. (work-in-progress)

Conference Proceedings, Workshop Papers, Presentations, and Invited Talks

Kiaee, M. and H. Hidaji. Interoperability versus Data Portability for Fostering Competition.

- *Workshop on Information Technologies and Systems (WITS)*, December 2026.
- *International Conference on Information Systems (ICIS)*, December 2026.
- *Administrative Sciences Association of Canada (ASAC) Annual Conference*, May 2026. *Divisional Best Student Paper Award*. (refereed)

Kakavand, S., A. Eshghi, and H. Hidaji. Balancing Consent and Monetization.

- *Workshop on Information Technologies and Systems (WITS)*, December 2026.
- *Administrative Sciences Association of Canada (ASAC) Annual Conference*, May 2026. (refereed)
- *Workshop on Information Technologies and Systems (WITS)*, December 2025. Title: Welfare Implications of Consent-Based Privacy Regulations. (refereed, did not present)

Hidaji, H. and M.L. Yeo. Implications of Provider Output for the Supply Chain.

- *Americas Conference on Information Systems (AMCIS)*, August 2025. (refereed)
- *Production and Operations Management Society (POMS) Annual Conference*, May 2021. Title: Impact of Supplier Output on Downstream Firms (refereed abstract, presented)
- *Information System Design and Economic Behavior (ISDEB)*, March 2021. (invited, presented)
- *Workshop on the Economics of Information Security (WEIS)*, December 2020. (refereed, presented)

Eshghi, A., R. Gopal, H. Hidaji, R.A. Patterson, and G.K. Tayi. Welfare Implications of User Pricing Power

in the Market for Attention. *Workshop on Information Technologies and Systems (WITS)*, December 2024. (refereed)

Vijairaghavan, V., H. Hidaji, D. Kundisch, and S. Zimmermann. Platform Competition and Price Coercion.

- *Conference on Information Systems and Technology (CIST)*, October 2024. (refereed)
- *MISQ Virtual Author Development Workshop*, June 2024. (refereed)

Birkhead, B., A. Eshghi, R. Gopal, H. Hidaji and R.A. Patterson. Algorithms to the Rescue: Market Mechanisms for Fair Trading of Unbiased Individual Data.

- *Production and Operations Management Society (POMS) Conference*, April 2024. (invited)
- *Workshop on Information Technologies and Systems (WITS)*, December 2022. (refereed, presented)
- *Conference on Information Systems and Technology (CIST)*, October 2022. (refereed, presented)

Shekhar, S. and H. Hidaji. Strategic Investment of Firms in Edge Computing to Complement the Cloud.

- *Workshop on Information Technologies and Systems (WITS)*, December 2023. (refereed)
- *Production and Operations Management Society (POMS) Annual Conference*, April 2022. (refereed abstract, presented)

Dao, D. and H. Hidaji. Investing in Cybersecurity in the Presence of Competition and Strategic Attackers. *INFORMS Annual Meeting 2023*, October 2023. (invited)

Hidaji, H. Implications of Data Portability.

- Invited talk at *University of Science and Technology of China*, July 2023.
- *Workshop on Theories in Economics of Information Systems (TEIS)*, March 2019. Title: Take Out Your Data: Impact of the Right to Data Portability on Platform Competition. (invited, presented)
- Accepted at *Workshop on Information Systems and Economics (WISE)*, December 2018. Title: Take Your Data with You: Impact of Right to Data Portability on Pricing and Competition. (refereed, did not present)

Hidaji, H. Provider-Firm Investment Spillover and its Implications for the Supply Chain.

- *INFORMS Annual Meeting*, October 2022. (refereed abstract, presented)
- *CORS/INFORMS International Conference*, June 2022. (refereed abstract, presented)

Eshghi, A., R. Gopal, H. Hidaji and R.A. Patterson. Analyzing "Personal Data Market" Structure and Mechanisms in the Presence of Data Externalities.

- *Workshop on Information Technologies and Systems (WITS)*, December 2021. (refereed)
- *INFORMS Annual Meeting 2021*, October 2021. (invited)

Eshghi, A., R. Gopal, H. Hidaji and R.A. Patterson. Now You See it, Now You Don't: Analysis of Website Obfuscation Strategies on User Information Sharing. *Workshop on Information Technologies and Systems (WITS)*, December 2020. (refereed)

Gopal, R., H. Hidaji, S. Kutlu, R.A. Patterson, and N. Yaraghi. Law, Economics and Privacy: Implications of Government Policies on Website and Third-Party Data Sharing.

- *International Conference on Information Systems (ICIS)*, December 2020. Title: Economics of Data Protection Policies. (refereed)
- *INFORMS Annual Meeting*, December 2020. Title: Regulation, Economics and Privacy: Implications of Government Policy on Website and Third Party Data Sharing. (refereed)
- *Conference on Health IT and Analytics (CHITA)*, November 2019. Title: Modeling Government Policy for Protecting User's Privacy on Healthcare Websites. (refereed)
- *Annual ISMS Marketing Science Conference*, June 2019. Title: User Information Sharing on Healthcare Websites. (refereed)

Vijairaghavan, V., H. Hidaji, and B. Nault. The Use of Fines to Enforce Data Portability. *Workshop on Information Systems and Economics (WISE)*, December 2019. (refereed)

Gopal, R., H. Hidaji, S. Kutlu, and R.A. Patterson, E. Rolland, and D. Zhdanov. Real or Not? Identifying

Untrustworthy News Websites using Third-Party Partnerships.

- *Workshop on Information Technologies and Systems (WITS)*, December 2018. Title: A Machine Learning Approach to Identify Fake News and Clickbait Websites. (refereed)
- *Workshop on Information Technologies and Systems (WITS)*, December 2017. Title: The Dark Side of Third-Party Partners: An Empirical Analysis. (invited, presented)
- *Workshop on Information Technologies and Systems (WITS)*, December 2015. Title: Self-Regulation and the "Invisible Hand" of User Privacy Concerns. (refereed, presented)

Yeo, M.L., H. Hidaji, E. Rolland, R.A. Patterson, B. Nault, and B. Kolfal. Service Disruptions and Provider Choice.

- *Workshop on Information Technologies and Systems (WITS)*, December 2017. Title: Information Security and Cloud Suppliers: How Customer Demand Reaction Shapes Supplier Choice Strategies. (invited, presented)
- *INFORMS Conference on Information Systems and Technology (CIST)*, November 2015. Title: To Share or Not to Share: Supplier Choice and Customer Demand Reactions to Adverse Events. (refereed, presented)
- *INFORMS Annual Meeting*, November 2015. Title: Effect of Customer Demand Reaction on Supplier Selection. (refereed, presented)

Gopal, R., H. Hidaji, R.A. Patterson, E. Rolland, and D. Zhdanov. How Much to Share with Third-Parties? User Privacy Concerns and Website Dilemmas.

- Invited job talk at *University of Calgary*, 2016.
- Invited job talk at *University of California, Merced*, 2016.
- *Workshop on Information Technologies and Systems (WITS) - Dissertation Proposal*, December 2015. Title: Third-Party Usage: Users' Privacy Concerns and Website's Dilemma. (refereed, presented)
- *Theory in Economics of Information Systems (TEIS)*, March 2015. Title: How Much to Share with Third-Parties? A Website's Dilemma and Users' Privacy Concerns. (invited)
- *Workshop on Information Technologies and Systems (WITS)*, December 2014. Title: Information Sharing in Web Services: An Exploratory Analysis. (refereed)

Gopal, R., H. Hidaji, R.A. Patterson, E. Rolland, and D. Zhdanov. Design Improvements for Message Propagation in Malleable Social Networks.

- *INFORMS Conference on Information Systems and Technology (CIST)*, November 2014. Title: Improving Cascade Propagation in Adaptable Networks. (refereed, presented)
- *Poster presentation at 2013 Workshop on Information Technologies and Systems (WITS)*, December 2013 - *Selected as Best Poster Presentation.* Title: Improving information propagation in redesignable networks. (refereed)

Pazoki M., J. Navaei, and H. Hidaji. 2011. Designing a semi-obnoxious production-distribution network. *Annual International Conference on Industrial Engineering - Theory, Applications and Practice*, September 2011. (refereed)

Navaei J., A. Mozdgir, and H. Hidaji. 2010. Two-stage assembly flowshop scheduling problem with bi-objective of number of tardy and makespan minimization. *International Conference on Artificial Intelligence*, July 2010. (refereed)

Other Publications and Media Coverage

Burman, J. Sold! – An auction mechanism for equitable and fair data collection. *UCalgary News*, University of Calgary, July 2025.

Hidaji, H., B. Nault, and V. Vijairaghavan. What are the effects of data portability? *Futurum*, June 2025.

Guerra, P. Disruptions in the Digital Supply Chain Can Have Major Physical Impacts. *UC Merced*, June 2025.

Patterson, R.A., E. Rolland, H. Hidaji, and M.L. Yeo. How businesses and consumers can protect themselves

against digital supply chain disruptions. *The Conversation*, March 2025.

Burman, J. Cost and Risk: Firm Resilience within Digital Supply Chains. *UCalgary News*, University of Calgary, January 2025.

Burman, J. Funding Spotlight: The Impact of data portability on competition, privacy, and welfare. *UCalgary News*, University of Calgary, October 2024.

Patterson, R.A., A. Eshghi, and R. Gopal. Websites deceive users by deliberately hiding the extent of data collection and sharing. *The Conversation*, April 2024.

Patterson, R.A., H. Hidaji, N. Yaraghi, R. Gopal, and S. Kutlu. To protect user privacy online, governments need to reconsider their use of opt-in policies. *The Conversation*, February 2024.

Burman, J. Is Third-Party Privacy Protection Policy Good for Business? *UCalgary News*, University of Calgary, January 2024.

Grant, L. Calgary researchers develop method to detect fake news. *660 News*, May 2020.

Perl-Pollard, K. Fake news detector: Digital supply chain reveals untrustworthy content. *UToday, University of Calgary*, May 2020.

Rickwood, L. Ambient Privacy is Needed in the Digital Age. *WhatsYourTech.ca*, November 2019.

Rickwood, L. Third Parties Are First Threat to Online Privacy, Data Security: Canadian Tech Report. *WhatsYourTech.ca*, December 2018.

Chamberlin, J. Can we be public and private at the same time? The coded thrill of cyberconnectivity. *Explore UCalgary, University of Calgary*, August 2018.

Hansen, D. How data-sharing era puts our privacy at risk. *Business School Research, The Globe and Mail*, April 2018.

Massinon, S. What's stopping the sale of your private data? *UToday, University of Calgary*, February 2018.

Gopal, R., H. Hidaji, R.A. Patterson, E. Rolland, and D. Zhdanov. Our Private Data and the Market for Third-Party Providers of Functionality to Websites. *LSE Business Review*, October 2017.

Grants and Awards

Future Fund Fellowship in Business Technology Management (C$ 225,000), *Haskayne School of Business, University of Calgary*, 2024-2029.

SSHRC Insight Grant "The impact of data portability on competition, privacy, and welfare" (C$ 122,500), *Social Sciences and Humanities Research Council of Canada (SSHRC)*, 2022-2027.

Dean's Research Excellence Grant (C$ 50,000), *Haskayne School of Business, University of Calgary*, 2017-2023.

SSHRC Insight Development Grant "Third parties and flow of information on the Internet" (C$ 62,000), *Social Sciences and Humanities Research Council of Canada (SSHRC)*, 2018-2022.

URGC SSHRC Explore Faculty Seed Grant "Impact of the Right To Data Portability on Competition, Pricing, and Social Welfare" (C$ 15,000), *University Research Grants Committee, University of Calgary*, 2019-2021.

Dean's Research Scholar, *Haskayne School of Business, University of Calgary*, 2019.

Research Travel Award (US$ 1,500), *Faculty of Graduate Studies, University of Alberta*, 2015.

Student Travel Grant (C$ 2,000), *Workshop on Economics of Information Security (WEIS)*, 2015.

Alberta School of Business Ph.D. Scholarship, 2013, 2015, 2016.

Alberta School of Business Ph.D. Award, 2013, 2014, 2016.

Alberta School of Business Bentley Faculty Fellowship, 2013-2016.

Alberta School of Business Domtar Ph.D. Faculty Fellowship, 2013.

Editorial Roles

Journals

Associate Editor at Information Technology and Management (*Selected Best AE for 2022*) 2019-present

Conferences

Program Committee member of the 2025 and 2026 Conference on Information Systems and Technology (CIST), Program Committee member of the 2025 Theory in Economics of Information Systems (TEIS), Associate Editor at the 2024 International Conference on Information Systems (ICIS), Session Chair of "Economics of Artificial Intelligence" at the 2021 INFORMS Annual Meeting, Program committee chair at The 2015 Alberta School of Business Research Conference, Program committee member at The 2014 Workshop on Information Technologies and Systems (WITS), Presentation session manager at The 2009 and 2010 Iran Data Mining Conferences

Ad-Hoc Reviewer

Journals

Information Systems Research, Management Science, MIS Quarterly, Production and Operations Management, Decision Sciences, Decision Support Systems, Information and Management, OR Perspectives, PLoS ONE, Information Technology and Management, ACM Transactions on Social Computing, Journal of Business Research.

Conferences

International Conference on Information Systems (ICIS), European Conference on Information Systems (ECIS), Pacific Asia Conference on Information Systems (PACIS), Workshop on Information Technology and Systems (WITS).

Grants and Awards Administration

Adjudication Committee Member

Social Sciences and Humanities Research Council of Canada (SSHRC) Insight Grant (IG) 2026, University of Calgary VPR Catalyst Grant Summer 2026

Application Reviewer

Social Sciences and Humanities Research Council of Canada (SSHRC) Insight Grant (IG), Mitacs Elevate, SSHRC Canada Postdoctoral Research Award.

Graduate Student Supervision

Haskayne School of Business, University of Calgary

Sanaz Kakavand, Ph.D. Supervisor. Spring 2025-present

Mahdi Kiaee, Ph.D. Supervisor. Fall 2022-present

Afrouz Hojati, Ph.D. Supervisory Committee. (Placement: University of Calgary) Summer 2021-Fall 2024

Ashkan Eshghi, Ph.D. Supervisory Committee. (Placement: University of Warwick) Summer 2020-Fall 2022

Vaarun Vijairaghavan, Ph.D. Supervisory Committee. (Placement: University of Calgary) Winter 2018-Summer 2021

Graduate Student Examination

Haskayne School of Business, University of Calgary

Mahdi Shakeri, Ph.D. Field of Study Exam and Thesis Defence Committee. Fall 2021 and Fall 2025

Zahra Jamshidi, Ph.D. Field of Study Exam and Thesis Defence Committee. Fall 2023 and Fall 2025

Andishe Ashjari, Ph.D. Field of Study Exam and Thesis Defence Committees. Winter 2021 and Fall 2025

Chen Yu, Ph.D. Field of Study Exam Committee. Winter/Spring 2025

Mahdieh Sarbazvatan, Ph.D. Field of Study Exam Committee. Fall 2024

Ean Tsou, Ph.D. Field of Study Exam Committee. Winter 2022

Parastoo Liaghat, Ph.D. Field of Study Exam Committee. Fall 2020

Faculty of Science, University of Calgary

Edward Rochester, Ph.D. Field of Study Exam and Proposal Committee. Fall 2022

Society Membership

Association for Information Systems (AIS), Institute for Operation Research and the Management Sciences (INFORMS) and INFORMS Information Systems Society (ISS), and Production and Operations Management Society (POMS)

TEACHING

Graduate Courses

Haskayne School of Business, University of Calgary

BTMA 637 (MBA): Data Analytics II	Winters 2018-2026
DATA 614 (Data Science M.Sc.): Advanced Data Analytics	Winters 2019-2026
BTMA 797 (Ph.D.): Advanced Seminar in BTM - Data Analytics	Winters 2022 and 2024
BTMA 636 (MBA): Data Analytics I	Fall 2022

Alberta School of Business, University of Alberta

MIS 611 (MBA): Introduction to Management Information Systems	Fall 2015 and Winter 2016

Undergraduate Courses

Haskayne School of Business, University of Calgary

BTMA 531: Data Analytics Tools for Business	Winters 2018, 2019, 2022-2026
BTMA 317: Introduction to Business Technology Management	Winters 2018 and 2019
MGST 217: Introduction to Business Analytics	Winter and Spring 2017

Alberta School of Business, University of Alberta

MIS 311: Introduction to Management Information Systems	Fall 2015 and Winter 2016

Invited Lectures

Haskayne School of Business, University of Calgary

BTMA 799 (Ph.D.): Analytical Modeling in Economics of IS	Winter 2024
BTMA 317 (UG): Implications of Data Policy for Platforms and Users	Fall 2023
MGST 301 (UG, Honors): Research Methodologies; Research Showcase	Fall 2019
ACCT 797.5 (G): Advanced Seminar in Accounting; Data Analytics	Winter 2019
BTMA 601 (G): Business Technology Management; Data Analytics	Fall 2018 and Winter 2019
Text mining: semantic and topic analysis using Python (Brown Bag Series)	Spring 2017
Text mining: semantic and topic analysis using Python (Paradigm Sessions Series)	Winter 2017

Alberta School of Business, University of Alberta

MIS 437 (UG)/637 (G): Accounting Information Systems	Fall 2015
OM 471 (UG)/671 (G): Decision Support Systems	Fall 2013

SERVICE

University Administration

Haskayne School of Business, University of Calgary

Organizer, Business Technology Management Research Colloquia	Winter 2018-Winter 2020 and Fall 2024-present
Member, HSB Research Committee	Spring 2025-present
Member, Recognition Committee	Spring 2023-present
Member, Faculty Recruiting Committees (Six committees: Open Rank, Associate Professor, Assistant Professor, Assistant Professor – Teaching)	Winter 2020-present

Member, Business Technology Management Industry Advisory Council — Winter 2017-present

Member, Graduate Programs Review Committee — Spring 2023-Fall 2025

Member, Master of Management Program Committee — Winter 2020-Fall 2022 and Fall 2023-Fall 2024

Member, Merit and Tenure & Promotion Revision Committee — Winter 2021-Winter 2024

Member, MBA Committee — Fall 2018-Fall 2020

Member, Undergraduate Review Committee — Fall 2017-Winter 2019

University of Calgary

Member, Data Science Faculty Committee — Fall 2018-present

Member, New Academic Faculty Recruiting Committee (Associate/Full), Department of Electrical and Software Engineering at the University of Calgary — Winter 2022

Alberta School of Business, University of Alberta

VP Networking and Student Life, Business Doctoral Association — 2015-2016

VP Finance, Business Doctoral Association — 2014-2015

Case Competitions, Student Conferences, and Advisory

Discussant, Engaged Management Scholarship Conference 2023 — Fall 2023
Haskayne School of Business, University of Calgary

Faculty Advisor, The Haskayne Report, Haskayne School of Business — Fall 2020-2023

Faculty Mentor for Case Study, Developing a Physician Performance Model in Critical Care: Assessing Quality and Value, Statistical Society of Canada — Spring 2022

Judge, Understanding COVID-19 Across the Globe Challenge 2020 — Fall 2020
The Center for Global Data Visualization

OTHER ACTIVITIES

Volunteer Shop Associate and Mechanic, Bike Root — Summer 2024-present

Assistant Manager and Player, Persian Stars Soccer (CUSA Division 5 Team) — Fall 2024-present