

Hooman Hidaji

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Academic Appointments

Haskayne School of Business, University of Calgary

Assistant Professor of Business Technology Management, 2019-present

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

Research Interests

Economics of information systems, information privacy, online information sharing, data economy, data portability, information and communication technology supply chain, social network propagation

Working Papers

Impact of Data Portability on Competition. (*under review: major revision*)

The Use of Fines to Enforce Data Portability. Co-authors: V. Vijairaghavan and B. Nault. (*under review*)

Service Disruptions and Provider Choice. Co-authors: B. Kolfal, B. Nault, R. Patterson, E. Rolland, and L. Yeo. (*under review*)

Now You See it, Now You Don't: Analysis of Website Obfuscation Strategies on User Information Sharing. Co-authors: A. Eshghi, R. Gopal, and R. Patterson. (*under review*)

Law, Economics and Privacy: Implications of Government Policies on Website and Third-Party Data Sharing. Co-authors: R. Gopal, S. Kutlu, R. Patterson, and N. Yaraghi. (*under review*)

Provider Output and Downstream Firms' Service Tier Choice. Co-author: L. Yeo.

Work-in-Progress

Pricing, Privacy, and Consent in Personal Data Markets. Co-authors: A. Eshghi, R. Gopal, and R. Patterson.

Impact of the COVID-19 Pandemic on the Online Third-Party Data Sharing. Co-authors: R. Gopal, R. Patterson, and N. Yaraghi.

Refereed Journal Articles

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

Gopal, R., H. Hidaji, R. Patterson, E. Rolland, and D. Zhdanov*. 2016. Design Improvements for Message Propagation in Malleable Social Networks. *Production and Operations Management*^{a,c} 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.

*Author names in alphabetical order

Journal Rankings: ^a UTD-24¹ ^b ABS-AJG² 4* ^c ABS-AJG 4

Conference Proceedings, Workshop Papers, and Presentations

Hidaji, H. and L. Yeo. Provider Output and Downstream Firms' Service Tier Choice.

- *Information System Design and Economic Behavior (ISDEB)*, March 2021. (invited, presented)
- *Workshop on the Economics of Information Security (WEIS)*, December 2020. (refereed, presented)
- Research seminar talk at *Haskayne School of Business Seminar Series*, April 2020.

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

Hidaji, H. Impact of Data Portability on Competition.

- *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)
- Research seminar talk at *Haskayne School of Business Seminar Series*, March 2019.
- 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)

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)

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

¹<https://jindal.utdallas.edu/the-utd-top-100-business-school-research-rankings>

²<https://charteredabs.org/academic-journal-guide-2018>

Choice.

- Research seminar talk at *Haskayne School of Business Seminar Series*, November 2020.
- *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)
- Research seminar talk at *Haskayne School of Business Seminar Series*, January 2017. Title: Effect of Customer Demand Reaction on Cloud Supplier Selection.
- *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 talk at *University of Calgary*, 2016.
- Invited 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. 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 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)

Grants, Scholarships, and Awards

Dean's Research Excellence Grant (C\$ 50,000), *Haskayne School of Business, University of Calgary*, 2017-2021.

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.

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)*, 2018-2021.

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.

Other Publications and Media Coverage

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.

Editorial Roles

Journals

Associate Editor at Information Technology and Management 2019-present

Conferences

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 Conference

Ad-Hoc Reviewer

Journals

Decision Sciences Journal, Information Systems Research, Information Technology and Management, Journal of Business Research, Management Science, MIS Quarterly, OR Perspectives, Production and Operations Management.

Conferences

International Conference on Information Systems (ICIS), Workshop on Information Technology and Systems (WITS).

Grants and Awards

Social Sciences and Humanities Research Council of Canada (SSHRC) Insight Grant (IG)

Graduate Student Supervision and Examination

Haskayne School of Business, University of Calgary

Andishe Ashjari, Ph.D. Field of Study Exam Committee. Winter 2021
Parastoo Liaghat, Ph.D. Field of Study Exam Committee. Fall 2020
Ashkan Eshghi, Ph.D. Supervisory Committee. Summer 2020-present
Vaarun Vijairaghavan, Ph.D. Supervisory Committee. Winter 2018-present

Society Membership

Association for Information Systems (AIS), 2013-present

Institute for Operation Research and the Management Sciences (INFORMS) and INFORMS Information Systems Society (ISS), 2013-present

TEACHING

Graduate Courses

Haskayne School of Business, University of Calgary

DATA 614: Advanced Data Analytics Winters 2019-2021
BTMA 637 (previously 737 and 797.3): Data Analytics II Winters 2018-2021

Alberta School of Business, University of Alberta

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

Undergraduate Courses

Haskayne School of Business, University of Calgary

BTMA 531 (previously 559.3): Data Analytics Tools for Business Winter 2018 and 2019
BTMA 317: Introduction to Business Technology Management Winter 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

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

University of Calgary

Member, Merit and Tenure & Promotion Committee, Haskayne School of Business Winter 2021-present
Member, Master of Management Program Committee, Haskayne School of Business Winter 2020-present
Member, Data Science Faculty Committee Fall 2018-present
Member, MBA Committee, Haskayne School of Business Fall 2018-Fall 2020
Member, Business Technology Management Industry Advisory Council, Haskayne School of Business
Winter 2017-present
Organizer, Business Technology Management Research Colloquia, Haskayne School of Business Winter
2018 - Winter 2020
Member, Undergraduate Review Committee, Haskayne School of Business Fall 2017-Winter 2019

Alberta School of Business, University of Alberta

VP Networking and Student Life, Business Doctoral Association 2015-2016
VP Finance, Business Doctoral Association 2014-2015

Student Case Competitions and Advisory

Faculty Advisor, The Haskayne Report, Haskayne School of Business
Judge, Understanding COVID-19 Across the Globe Challenge 2020
The Center for Global Data Visualization

Fall 2020-present
Fall 2020