Henry Kim

Associate Professor of
Decision Technologies

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http://blockchain.lab.yorku.ca

Employment

1999 – Present	Schulich School of Business, York University

- Area Coordinator, 2023-2025
- Director, blockchain.lab, 2015-
- Member of Graduate Faculty at Schulich and Lassonde School of Engineering (cross-appointment)
- Associate Professor of Decision Technologies, 2004 -
- Assistant Professor, 1999-2004

2018 – 2020	Novera Capital, Toronto, Ontario Canada

- Senior Research Fellow

2018 – 2020	Insolar, Offices primarily in Europe

- Senior Research Fellow

2018 – 2019	Blockmine Development, Toronto, Ontario Canada

- Director

2015	Indigo Canada, Toronto, Ontario Canada

- Visiting Research Scientist

2008	IBM Centre for Advanced Studies, Markham, Ontario Canada

- Visiting Faculty Fellow

1999	BT Labs, Martlesham Health, UK

- Research Fellow

1998 – 1999	Talus (now part of JDA Software), Mountain View, CA USA

- Management Consultant

1995 – 1996	BHP Research Laboratories, Melbourne, Australia

- Visiting Research Engineer

1991 – 1992	Hewlett Packard Canada, Mississauga, Ontario Canada

- Systems Engineer & Technical Consultant

Education

1999	Ph.D., Industrial Engineering, University of Toronto
1991	M.Eng., Industrial and Operations Engineering, University of Michigan, Ann Arbor
1989	B.A.Sc., Industrial Engineering, University of Toronto

Grants & Awards

2021 - 2024	Principal Investigator with Joann Jasiak (with Investigators: I. Henriques, S. Liaskos, D. Oppong-Tawiah, A. Podhorsky, P. Puri) , "Digital Currencies." *York University Catalyzing Interdisciplinary Research Clusters Initiative* ($525,000)

2022 - 2024	Co-supervisor for Daniela Balutel (Co-Supervisor: Joann Jasiak) with **Bank of Canada** as industrial partner, "Past and current Bitcoin adopters in Canada." *MITACS Accelerate Postdoctoral Fellowship* ($150,000)
2023	Principal Investigator, *York Research Support Grant* ($10,000)
2020	Co-investigator with **Grain Discovery** and Abhishek Pandey, "How Grain Discovery's Blockchain Solution Can Enable Flexibility in the Agricultural Supply Chain in the Age of COVID-19," *MITACS Business Strategy Internship* ($10,000)
2019	Principal Investigator with **Accu-Label**, "Meeting Changing Customer Requirements in Food and Agriculture through application of blockchain technology," *Ontario Centre of Excellence Voucher for Innovation and Productivity I Research Grant – OCE VIP I* ($45,000)
2019	Principal Investigator with **Sigma Analysis**, "Exploring Application of Blockchain Technologies for Managed Investing," *Ontario Centre of Excellence Voucher for Innovation and Productivity I Research Grant – OCE VIP I* ($49,961)
2018 - 2019	Collaborator with Getu Hailu (Guelph) and Henry An (Alberta), "Trade and Competitiveness: Productivity, Innovation, and Product Differentiation", **Ontario Ministry of Agriculture, Food, and Rural Affairs** – Research Program ($151,600)
2018	Principal Investigator with **Hero Engineering** and **Toronto and Region Conservation Authority**, "Blockchain Enabled Smart Microgrids", *Ontario Centre of Excellence Voucher for Innovation and Productivity I Research Grant – OCE VIP I* ($45,246)
2018	Principal Investigator with **Aion Networks**, "Applying Deep Neural Networks for Blockchain Interoperability I", *Ontario Centre of Excellence Voucher for Innovation and Productivity I Research Grant – OCE VIP I* ($45,000)
2018	Principal Investigator with **Aion Networks**, "Applying Deep Neural Networks for Blockchain Interoperability II", *National Research Council Industrial Research Assistance Program – NRC IRAP* ($20,200)
2017 – 2018	Recipient, *Schulich School of Business Fellowship for Research* ($12,500)
2016 – 2017	Principal Investigator with **Opterus**, "Ontology-Based Reference Model for Financial Business Processes in Retail for Opterus", *Natural Sciences and Engineering Research Council of Canada* – Engage Grant ($52,234)
2015 – 2016	Principal Investigator with **Indigo**, "Developing a Social and Trust-Based Book Recommender System for Indigo", *Natural Sciences and Engineering Research Council of Canada* – Engage Grant ($52,900)
2015 – 2016	Principal Investigator with **Sphere3D**, "Enabling Data Management for Big Data Business Analytics for Sphere3D using Context-Aware Ontologies", *Natural Sciences and Engineering Research Council of Canada* – Engage Grant ($52,800)
2015 – 2016	Co-Applicant with Charles Shier, "Ontology formalizations of Marketing Principles and Exploring Blockchain Research Opportunities", *Natural Sciences and Engineering Research Council of Canada* – Undergraduate Student Research Award ($9,000)
2014 – 2015	Principal Investigator with **QLogitek**, "Leveraging Supply Chain Automation Expertise to Develop Supply Chain Analytics Capabilities", *Natural Sciences and Engineering Research Council of Canada* – Engage Grant ($53,100)

2009 – 2015	Principal Investigator, "Using ontologies and social network analysis for web 2.0 enabled knowledge sharing", *Natural Sciences and Engineering Research Council of Canada* – Discovery Grant ($95,000)
2012	Co-Applicant with Jackie Cheung, "Applications of a Computational Ontology for Distance for the Semantic Web", *Natural Sciences and Engineering Research Council of Canada* – Undergraduate Student Research Award ($4,500)
2004 – 2008	Principal Investigator, "Enabling Knowledge Sharing over the Semantic Web using Ontologies and Network Analysis", *Natural Sciences and Engineering Research Council of Canada* – Discovery Grant ($53,925)
2008 – 2010	Co-Applicant with Hossam Ali-Hassan, "Corporate Social Computing", **IBM** – PhD Fellowship Award ($43,432)
2007	Principal Investigator, "IT Productivity and other Research Issues in Service Science", **IBM** – Faculty Award ($20,150)
2000 – 2004	Principal Investigator, "Enabling Integrated Decision Making: Business Process and Data Driven Information Integration using Ontology-Based Enterprise Models", *Natural Sciences and Engineering Research Council of Canada* – Discovery Grant ($53,925)
2000 – 2008	*Schulich School of Business* – Various Faculty Research Awards ($53,000)

Journal Publications

1. Tara, Andrei, Hjalmar K. Turesson, Nicolae Natea, and **Henry M. Kim** (2023). "An Evaluation of Storage Alternatives for Service Interfaces Supporting a Decentralized AI Marketplace," *IEEE Access*, Vol. 11, pp. 116919-116931.

2. **Kim, Henry M.** and Tom Baumann (2024). "Towards Ontology and Blockchain Based Measurement, Reporting, and Verification For Climate Action," *Journal of Risk and Financial Management*, Submitted.

3. Jeong, Anna Y., **Henry M. Kim**, and Jee-Hae Lim (2024). "Do Companies Make the World Better? Effect of Blockchain Adoption on a Firm's Environmental and Social Performance," *Journal of Information Systems*, Submitted.

4. **Kim, Henry M.**, Hjalmar Turesson, Marek Laskowski, and Amir Fard Bahreini (2022). "Permissionless and Permissioned, Technology-Focused and Business Needs-Driven: Understanding the Hybrid Opportunity in Blockchain through a Case Study of Insolar," *IEEE Transactions on Engineering Management*, Vol. 59, Issue 3, June, pp. 776-791 (doi.org/10.1109/TEM.2020.3003565).

5. **Kim, Henry M.**, Marek Laskowski, Michael Zargham, Hjalmar Turesson, Matt Barlin, and Danil Kabanov (2021). "Token Economics in Real-Life: Cryptocurrency and Incentives Design for Insolar Blockchain Network," *IEEE Computer*, Vol. 24, Issue 1, pp. 72-80 (doi.org/10.1109/MC.2020.2996572).

6. Evermann, Joerg and **Henry M. Kim** (2021). "Workflow Management on Proof-of-Work Blockchains - Implications and Recommendations," *SN Computer Science*, Vol. 2, Article 44 (doi.org/10.1007/s42979-020-00387-6).

7. Turesson, Hjalmar, **Henry M. Kim**, Marek Laskowski, and Alexandra Roatis (2021). "Privacy Preserving Data Mining as Proof of Useful Work: Exploring an AI/Blockchain Design," *Journal of Database Management*, Vol. 20, No. 1, pp. 69-85 (doi.org/10.4018/JDM.2021010104).

8. Treiblmaier, Horst, Melanie Swan, Primavera de Filippi, Mary Lacity, Thomas Hardjono, and **Henry M. Kim** (2021). "What's Next in Blockchain Research? -An Identification of Key Topics Using a Multidisciplinary Perspective," *Data Base for Advances in Information Systems*, Vol. 21, No. 1, pp. 27-52 (doi.org/10.1145/3447934.3447938).

9. Sengupta, Ushnish and **Henry M. Kim** (2021). "Meeting Changing Customer Requirements in Food and Agriculture Through Application of Blockchain Technology," *Frontiers in Blockchain,* February (doi.org/10.3389/fbloc.2021.613346).

10. **Kim, Henry M.**, Ushnish Sengupta, and Marek Laskowski (2021). "Business in the Front, Crypto in the Back: How to Be a Blockchain Startup in Finance," *International Review of Entrepreneurship,* Vol. 19, Issue 1, pp. 117-36.

11. Saxena, Shivam, Hany Farag, Aidan Brookson, Hjalmar Turesson, and **Henry M. Kim** (2020). "A Permissioned Blockchain System to Reduce Peak Demand in Residential Communities via Energy Trading: A Real-World Case Study," *IEEE Access*, Vol. 9, pp. 5517-5530 (doi.org/10.1109/ACCESS.2020.3047885).

12. Saxena, Shivam, Hany Farag, Hjalmar Turesson, and **Henry M. Kim** (2020). "Blockchain Based Transactive Energy Systems for Voltage Regulation in Active Distribution Networks," *IET Smart Grid*, Vol. 3, Issue 5, pp. 646-56 (doi.org/10.1049/iet-stg.2019.0286).

13. Evermann, Joerg and **Henry M. Kim** (2020). "Workflow Management on BFT Blockchains," *Enterprise Modelling and Information Systems Architecture*, Vol. 15, pp. 14:1-22 (doi.org/10.18417/emisa.15.14).

14. Zhang, Alfred Ruoxi, Farookh Zandi, and **Henry M. Kim** (2020). "A Simple Macroeconomic Model of Decentralized Emission Markets Based on the Solow Growth Model," *Frontiers in Blockchain*, May 5 (doi.org/10.3389/fbloc.2020.00018).

15. Karajovic, Maria, **Henry M. Kim**, and Marek Laskowski (2019). "Thinking Outside the Block: Projected Phases of Blockchain Integration in the Accounting Industry," *Australian Accounting Review*, Vol. 29, No. 2, pp. 319-330. [SSRN]

16. Mehar, Muhammad Izhar, Charlie Shier, Alana Giambattista, Elgar Gong, Gabrielle Fletcher, **Henry M. Kim**, and Marek Laskowski (2019). "Understanding a Revolutionary and Flawed Grand Experiment in Blockchain: The DAO Attack," *Journal of Cases on Information Technology,* Vol. 21, Issue 1, pp. 19-32. [SSRN]

17. Zhang, Alfred Ruoxi, Anujan Raveenthiran, Justin Mukai, Ramisha Naeem, Arvin Dhuna, Zoha Parveen, and **Henry M. Kim** (2019). "The Regulation Paradox of Initial Coin Offerings: A Case Study Approach," *Frontiers in Blockchain*, Vol. 2, Issue 2, April. [SSRN]

18. **Kim, Henry M.** and Marek Laskowski (2018). "Towards an Ontology-Driven Blockchain Design for Supply Chain Provenance", *Intelligent Systems in Accounting, Finance, and Management,* Vol. 25, Issue 1, pg. 18-27. [SSRN]. **Awarded Paper of the Year for the Journal**

19. Agrawal, Dhwani, Natalia Jureczek, Gajane Gopalakrishnan, Margaret Natalie Guzman, Michael McDonald, and **Henry M. Kim** (2018), "Loyalty Points on the Blockchain," *Business and Management Studies*, Vol. 4, No. 3, pp. 80-92. [SSRN]

20. **Kim, Henry M.**, Bita Ghiasi, Max Spear, Marek Laskowski and Jiye Li (2017). "Online Serendipity: The Case for Curated Recommender Systems", *Business Horizons,* Vol. 60, Issue 5, pp. 613-20.

21. Nevo, Saggi, Dorit Nevo, and **Henry M. Kim** (2012). "From Recreational Applications to Workplace Technologies: An Empirical Study of Cross-Context IS Continuance in The Case of Virtual Worlds", *Journal of Information Technology,* Vol. 27, No. 1, 74-86.

22. **Kim, Henry M.**, Kelly Lyons, and Mary Ann Cunningham (2008). "Towards a Theoretically-Grounded Framework for Evaluating Immersive Business Models and Applications: Analysis of Ventures in Second Life", *Journal of Virtual Worlds Research*, Vol. 1, No. 1.

23. **Kim, Henry M.** and Saggi Nevo (2008). "Development and Application of a Framework for Evaluating Multi-Mode Voting Risks", *Journal of Internet Research*, Vol. 18, No. 1, pp. 121-35.

24. **Kim, Henry M.,** Arijit Sengupta, and Joerg Evermann (2007). "MOQ: Web Services Ontologies for QoS and General Quality Evaluations", *International Journal on Metadata Semantics and Ontologies*, Vol. 2, No. 3, pp. 195-200.

25. **Kim, Henry M.**, Marks S. Fox, and Arijit Sengupta (2007). "How To Build Enterprise Models to Achieve Compliance to Standards or Regulatory Requirements (and Share Data)", *Journal of the Association of Information Systems*, Vol. 8, No. 2, pp. 105-28.

26. **Kim, Henry M.** and Arijit Sengupta (2007). "Extracting Knowledge from XML Document Repository: A Semantic Web-Based Approach", *Information Technology and Management*, Vol. 8, No. 3, pp. 205-21.

27. **Kim, Henry M.;** Arijit Sengupta, Mark S. Fox, and Mehmet Dalkilic (2006). "A Measurement Ontology Generalizable for Emerging Domain Applications on the Semantic Web", *Journal of Database Management*, Vol. 18, No. 1, pp. 20-42.

28. Wade, Michael, Markus Biehl, and **Henry M. Kim** (2006). "Information Systems Is/Isn't a Reference Discipline (And What We Can Do about It)", *Journal of the Association of Information Systems*, No. 5, May, pp. 247-268.

29. Wade, Michael, Markus Biehl, and **Henry M. Kim** (2006). "If the Tree of IS Knowledge Falls in a Forest, Will Anyone Hear?: A Commentary on Grover et al.", *Journal of the Association of Information Systems*, Vol. 7 No. 5, May, pp. 326-335.

30. Biehl, Markus, **Henry M. Kim**, and Michael Wade (2006). "Relationships Among the Academic Business Disciplines: A Multi-Method Citation Analysis", *Omega: The International Journal of Management Science*, Vol. 34, pp. 359.

31. Nevo, Saggi and **Henry M. Kim** (2006), "How to Compare and Analyze Risks of Internet Voting Versus Other Modes of Voting", *E-Government: An International Journal,* Vol. 3, No. 1-2.

32. **Kim, Henry M.** and Markus Biehl (2005). "Exploiting the Small-Worlds of the Semantic Web to Connect Heterogeneous, Local Ontologies", *Information Technology and Management*, Vol. 6, pp. 89-96.

33. **Kim, Henry M.** and Rajani Ramkaran (2004). "Best Practices in E-process Management: Extending a Re-engineering Framework", *Business Process Management Journal.* Vol. 10, No. 1., pp. 27-43

34. Biehl, Markus, and **Henry M. Kim** (2003). "Electronic Marketplaces versus Enterprise Resource Planning: A Comparison and Decision Methodology for Supply Chain Management", *International Journal of Technology and Policy Management*, Vol. 3, No. 3/4, pp. 262-84.

35. **Kim, Henry M.** (2002). "Predicting How Ontologies for The Semantic Web Will Evolve", *Communications of the ACM*, Vol. 45, No. 2, pp. 48-54.

36. **Kim, Henry M.** (2002). "Enterprise Models of Measurement: A Comparison of Existing Models for Quality Management and E-Business", *Operational Research: An International Journal.* Vol. 2, No. 1.

37. **Kim, Henry M.** and Mark S. Fox (2002). "Towards Quality Management Web Services: An Ontology of Measurement for Enterprise Modeling", *Lecture Notes in Computer Science* 2348, pp. 230-44.

38. **Kim, Henry M.** (2000). "Enabling Integrated Decision-Making for Electronic Commerce by Modelling an Enterprise's Sharable Knowledge", *Internet Research*, Vol. 10, No. 5, pp. 418-25.

39. **Kim, Henry M.,** Mark S. Fox, and Michael Grüninger, (1999). "An Ontology for Quality Management: Enabling Quality Problem Identification and Tracing", *BT Technology Journal*, Vol. 17, No. 4, pp. 131-40.

Refereed Conference Proceedings

40. Kim, Henry M. (2024). "Can Stablecoins Actually Improve Financial Inclusion: Exploring the IT Affordances of Token-Based Digital Currencies," *Hawaii International Conference on Systems Science (HICSS-57)*, Honolulu, HI, January 3 – 6. SSRN paper at: https://dx.doi.org/10.2139/ssrn.4412527.

41. Saxena, Shivam, Hany Farag, Aidan Brookson, Hjalmar Turesson, **Henry M. Kim** (2019). "Design and Field Implementation of Blockchain Based Renewable Energy Trading in Residential Communities*," 2nd International Conference on Smart Grid and Renewable Energy*, Doha, Qatar, November 19-21 (DOI: 10.1109/SGRE46976.2019.9020672).

42. Lucena, Percival, Alecio P. D. Binotto, Fernanda da Silva Momo, and **Henry M. Kim** (2018). "A Case Study for Grain Quality Assurance Tracking based on a Blockchain Business Network," *Proceedings of the Symposium on Foundations and Applications of Blockchain (FAB 18)*, March 9, 2018, Los Angeles, CA.

43. Ning Nan, **Henry M. Kim**, and Marek Laskowski (2018). "Self-Organized Governance in Blockchain-based Tokenized Markets," *Proceedings of the Academcy of Management Symposium on Coordination, Governance, and Trust: The Impact of Blockchain on Organizations*, August 10-14, Chicago, IL.

44. **Kim, Henry M.** and Marek Laskowski (2017). "A Perspective on Blockchain Smart Contracts: Reducing Uncertainty and Complexity in Value Exchange," *Proceedings of the IEEE Workshop on Workshop on Privacy, Security, Trust & Blockchain Technologies*, August 3, Vancouver, BC.

45. **Kim, Henry M.**, Jackie Ho Nam Cheung, Marek Laskowski, and Iryna Gel (2016). "Data Analytics Using Ontologies of Management Theories: Towards Implementing 'From Theory to Practice'," *Proceedings of the 17th IEEE International Conference on Information Reuse (IEEE IRI)*, July 28-30, Pittsburgh, PA.

46. Laskowski, Marek and **Henry M. Kim** (2016). "Rapid Prototyping of a Text Mining Application For Cryptocurrency Market Intelligence," *Proceedings of the 5th International IEEE Workshop on Data Integration and Mining (DIM),* July 28-30, Pittsburgh, PA.

47. **Kim, Henry M.**, Marek Laskowski, Seyed Moghadas, Amirehsan Sajad, and Maaz Asif (2014). "A Framework for Comparing Early Warning Systems across Domains: A Step Toward a Data-Integrated Public Health EWS," *Proceedings of the 3rd International Workshop in Issues and Challenges in Social Computing – Social Media, Crowd Sourcing, and Public Health (WICSOC)*, August 14-16, San Francisco, CA.

48. Ali-Hassan, Hossam, Dorit Nevo, **Henry M. Kim**, and Stephen Perelgut (2011). "Organizational Social Computing and Employee Job Performance", *Proceedings of the 44th Annual Hawaii International Conference on System Sciences 2011 (HICSS-44)*, January 4-7 Kauai, HI.

49. **Kim, Henry M.**, Kelly Lyons, and Mary Ann Cunningham (2008). "Towards a Framework for Evaluating Immersive Business Models: Evaluating Service Innovations in Second Life", *Proceedings of the 41st Hawaii International Conference on Systems Science*, January 7-10, Big Island, HI.

50. **Kim, Henry M.**, (2008). "A Venture Capital Approach to IT and Services Innovation", *Proceedings of Service Science Management and Engineering Workshop at University of Alberta,* March 6-7, Edmonton, AB Canada.

51. **Kim, Henry M.**, (2007). "Addressing the Services Science, Management, and Engineering Curriculum: Now and Future", *Proceedings of CASCON 2007 workshop of the Annual Conference of IBM Centre for Advanced Studies,* October 23-24, Canada.

52. **Kim, Henry M.** and Kelly Lyons (2007). "The Role of Complexity Science in the Evolution of the Services Science Discipline", *Proceedings of the 2007 DSI Services Science Mini-conference,* May 24-26, Pittsburgh.

53. **Kim, Henry M.**, Markus Biehl, and John A. Buzacott (2005). "M-CI²: Modelling Cyber Interdependencies between Critical Infrastructures", *Proceedings of the Third IEEE Conference on Industrial Informatics (INDIN '05)*, August 3-5, Perth, Australia.

54. **Kim, Henry M.** (2005). "How to Compare and Analyze Ricks of Internet Voting Versus Other Modes of Voting", E-Government: An International Journal, *Proceedings of the International Conference on e-Government (ICEG),* October 3-4, Ottawa ON Canada.

55. **Kim, Henry M.** (2004). "Ontologies for the Semantic Web: Can Social Network Analysis Be Used to Develop Them?", *Bulletin of the Association for Information Systems Special Interest Group on Semantic Web and Information Systems*, July, Vol. 1, No. 2.

56. Biehl, Markus, **Henry M. Kim**, and Michael Wade (2003). "A Decision Methodology for Comparing Similarities & Differences in Journals," in: Kurt Engemann and George Lasker (Editors): *Advances in Decision Technology and Intelligent Information Systems Vol. IV,* pp. 26-30.

57. **Kim, Henry M.** and Mark S. Fox (2002). "Using Enterprise Reference Models for Automated ISO 9000 Compliance Evaluation", *Proceedings of the 35th Hawaii International Conference on Systems Science (HICSS)*, January 7-10, Big Island, HI.

58. **Kim, Henry M.** (2002). "XML-hoo!: A Prototype Application for Intelligent Query of XML Documents Using Domain-Specific Ontologies", *Proceedings of the 35th Hawaii International Conference on Systems Science (HICSS)*, January 7-10, Big Island, HI.

59. Tham, K. Donald and **Henry M. Kim** (2002). "Towards Strategic Intelligence with Ontology Based Enterprise Modelling and ABC", *Proceedings of the International Business & Economics Research Conference*, October 7-11, Las Vegas, NV.

60. **Kim, Henry M.** (2000). "Integrating Business Process-Oriented and Data-Driven Approaches for Ontology Development", *Proceedings of the AAAI Spring Symposium Series 2000 - Bringing Knowledge to Business Processes*, Stanford, CA, March 20-22, pp. 93-9.

61. **Kim, Henry M.** (2000). "Enabling E-Business by Modeling an Enterprise's Sharable Knowledge", *Proceedings of the 5th INFORMS Conference on Information Systems and Technology*, November 4-5, San Antonio, TX.

62. **Kim, Henry M.**, Mark S. Fox, and Michael Grüninger (1995). "An Ontology of Quality for Enterprise Modelling", *Proceedings of the Fourth Workshop on Enabling Technologies: Infrastructure for Collaborative Enterprises (WET-ICE)*. Berkeley Springs, WV, April 20-22, 1995, pp. 105-116.

63. **Kim, Henry M.** and Mark S. Fox (1994). "Formal Models of Quality and ISO 9000 Compliance", *Proceedings of the American Quality Congress (AQC) Conference, American Society for Quality Control*, Las Vegas, NV, May 1994, pp. 17-23.

Refereed Conference Presentations

64. Jeong, Anna Y., **Henry M. Kim**, and Jee-Hae Lim (2023). "Do Companies Make the World Better? Effect of Blockchain Adoption on a Firm's Environmental and Social Performance," *Special Forum Conference on The Digital Transformation of ESG Reporting*, New York NY, December 1 – 2.

65. Chioda, Laura, **Henry M. Kim**, Rasa Karapandza and Miesha Williams (2023). Panel Discussion on "Pandemic Wealth and Digital Assets: An Exploration of Cryptocurrencies and Financial Inclusion," *University Blockchain Research Initiative Conference*, Toronto, ON Canada, October 12 – 13.

66. **Kim, Henry M.** (2023). "Can Stablecoins Actually Improve Financial Inclusion: Exploring the IT Affordances of Token-Based Digital Currencies," *Korean Association of Information Systems (KrAIS) Summer Workshop*, Seoul, South Korea, July 5 – 6 and *The Business of Blockchain Conference*, Miami, FL, May 19 – 20.

Book Chapters

67. Caudevilla, Oriol, and **Henry M. Kim**. "The Digital Yuan and Cross-Border Payments: China's Rollout of Its Central Bank Digital Currency." *A Blockchain Research Institute Light House Case Study*, Aug. 2022.

68. Batista, Danielle, Hrvoje Stancic, **Henry M. Kim**, Chandana Unnithan, Victoria Lemieux (2021). "Blockchains and Provenance: How a technical system for tracing origins, ownership and authenticity can transform social trust," In: *Building Decentralized Trust: Multidisciplinary Perspectives on the Design of Blockchains and Distributed Ledgers* (Eds.: Lemieux, V. & Feng, C.), pg. 111-64. Springer (DOI: 10.1007/978-3-030-54414-0).

69. Sengupta, Ushnish and **Henry M. Kim** (2020), "Business Process Transformation In Natural Resources Development Using Blockchain: Indigenous Entrepreneurship, Trustless Technology, and Rebuilding Trust," In: *Blockchain and Distributed Ledger Technology Use Cases: Applications and Lessons Learned* (Eds: Trebelmeier, H., Silaber, C., Clohessy, T.)*,* Springer (DOI: 10.1007/978-3-030-44337-5_9).

70. Zhang, Alfred Ruoxi, Farookh Zandi, **Henry M. Kim** (2020). "A Discussion on Decentralization in Financial Industry and Monetary System," In: *Information for Efficient Decision Making: Big Data, Blockchain and Relevance* (Eds.: Balachandran, K.R.), World Scientific Publishing (DOI: 10.1142/11833).

71. Laskowski, Marek and **Henry M. Kim** (2020). "Blockchain Interoperability," *A Blockchain Research Institute Big Idea White Paper*, Aug. 2020.

72. Kim, Henry M. and Muhammad Izhar Mehar (2019). "Blockchain in Commercial Insurance," *A Blockchain Research Institute Light House Case Study*, Nov. 2019.

73. **Kim, Henry M.** and Laskowski, Marek (2018), "Agriculture on the Blockchain," In: D. Tapscott (Ed.), *Supply Chain Revolution*, Barrow Books.

74. Sengupta, Arijit and **Henry M. Kim** (2006). "SWAP - A Framework for Ontology Support in Semantic Web Applications", In: E.Y. Li, & T.C. Du (Eds.): *Advances in Electronic Business, Vol. 2 Theme: Semantic Web and Intelligent Web Services*.

75. **Kim, Henry M.** and K. Donald Tham (2002). "Designing Business Processes and Communication Structures for E-Business Using Ontology-Based Enterprise Models with Mathematical Models", In: *Enterprise Information Systems IV*, Kluwer, Netherlands, pp. 179-85.

Working Papers

76. Podhorsky, Andrea and **Henry M. Kim** (2022). "Addressing the Data Gap in Modeling Bitcoin's Carbon Footprint," Working Paper, Schulich School of Business.

77. Jurjica, Oana, Adrienne Adjeleian, and **Henry M. Kim** (2019). "Breaking the Stagnant Spell: How Blockchain is Disrupting the Solar Energy Industry," *Technical Note on Integration and Trade Sector*, Inter-American Development Bank.

Teaching

Undergraduate	Information Systems Concepts and Models
	Introduction to Information Systems
	Database Management System
	Systems Analysis and Design
Graduate	Emerging Technologies and the Changing Landscape of Business
	Introduction to Leadership and Management Skills
	Introduction to Information Systems
	Advanced Topics in Information Systems
	E-Business Strategy
	Systems Analysis and Design
Post Graduate	Digital Transformation and Emerging Technologies
	Information Systems
	Blockchain Development
	North American Information Systems
	North American Supply Chain Management

Consulting and Professional Services Engagements

- Patent – "Systems and Methods for Short and Long Tokens," United States. 505664119. 2019/09/11, Marek Laskowski, **Henry M. Kim**, Jacob Unger, and Charlie Shier
- Ryerson University; Metrix Group; Schulich Executive Education Centre; United Nations CEFACT; US National Institutes of Standards and Technology; Ontario Ministry of Agriculture and Rural Affairs; CIBC Capital Markets; Siemens; China National Tobacco Company; Certified General Accounts of Ontario; Bank of Montreal; Town of Markham; Blockchain Technology
- ClimateCHECK; Jombone; Ian Martin Group; Organization of Canadian Nuclear Industries; Grayblock Power; Blockchain Research Institute; Institute of Management Accountants; Environics Research; George Brown College

Service

Editorial Board	2020 –	*Journal of Risk and Financial Management*
	2018 – 2023	*Frontiers in Blockchain: Blockchain Technologies*
	2005 – 2022	*International Journal of Sematic Web and Information Systems*
	2015 – 2019	*Service Science (INFORMS)*
	2013 – 2017	*Decision Analytics*
	2004 – 2007	*Association of Information Systems Special Interest Group on Semantic Information Systems*
	2001 – 2012	*Journal of Internet Research*
Organization	2023	Special Issue Editor on Non-Financial Uses of Blockchain Technologies, *Journal of Risk and Financial Management*
	2023	Technical Committee Track Chair, *IEEE International Conference on Metaverse Computing, Networking and Applications*
	2020	Finance Chair, *IEEE International Conference on Blockchain and Cryptocurrency*
	2017 – 2023	Co-organizer, *Fields Institute Seminar Serices on Blockchain*

2019 -	Member, *York University School of Continuing Studies Blockchain Program Advisory Board*	
2018	Academic Co-Chair, *Toronto Blockchain Week*	

Ad Hoc Reviewer   Numerous journals and conferences including *MIS Quarterly*, *Information Systems Research*, and *Management Science*

Examiner   Numerous PhD and Master's at Schulich School of Business, Computer Science, and Information Technology programs at York University

Chair   Student Affairs Committee, Schulich School of Business (2015-2020)

Area Coordinator   Operations Management and Information Systems Area (2023-5; 2004-5)

Committee Member   York University School of Continuing Studies Certificate Program on Blockchain Advisory Council; BlockchainHub @ Best, York University; Numerous T&P Committees at York University and other institutions; Numerous NSERC and SSHRC Grant Selection Committees. Student Affairs Committee; York University Senate; BBA Committee; MBA Committee; Operating Committee; Hiring Committees; University of Toronto Governing Council, Operating Committee, Affirmative Action for Hiring Committees, PhD Student Selection Committees