

## Moty Moravvej

**Ph.D. Candidate of Finance, Haskayne School of Business, University of Calgary, Canada**

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### EDUCATION

<b>Ph.D. of Finance</b> , Haskayne School of Business, University of Calgary, Canada	2020 - Present (GPA: 3.7/4)
• Thesis Title: Settlement Microstructure in Payment Systems	
<b>Master of Capital Market MBA (with Honor)</b> , University of Economic Science, Iran	2016 - 2018 (GPA: 3.9/4)
• Thesis Title: Feasibility Study of Establishing Custodianship as a New Financial Pillar	
<b>Master of Software Engineering (with Honor)</b> , University of Tehran, Iran	2009 - 2011 (GPA: 3.8/4)
<b>Bachelor of Software Engineering</b> , University of Tehran, Iran	2004 - 2009 (GPA: 3.1/4)

### RESEARCH INTERESTS

- Fintech, Blockchain, Settlement Microstructure in Modern Payment Systems, DeFi, CBDC
- Market Microstructure, Emerging Markets, Market Linkage, Cross-border Settlement

### WORKING PAPERS & CONFERENCES

- [1] Private Settlement in Blockchain Systems (with Alfred Lehar)
- 5th SNB-CIF Conference on Cryptoassets and Financial Innovation Zurich (May 2024), Networks in Modern Financial and Payments Systems Bank of Canada Ottawa (Jun. 2023), UCSB-ECON DeFi Seminar (Mar. 2023), Bonn Workshop on Digital Currencies (Dec. 2022), Paris Finance Meeting EUROFIDAI-ESSEC (Dec. 2022), 17th Central Bank Conference on the Microstructure of Financial Markets Sydney (Dec. 2022), Cardiff Fintech Conference (Oct. 2022), Economics of Financial Technology Conference Edinburgh (May 2022), 4th Future of Financial Information Conference Stockholm (May 2022)
- [2] Silencing the Noise, Amplified Effects: Causal Study on Price Efficiency (Solo Authored)
- NFA (Sep. 2024, Poster session), Economics of Financial Technology Edinburgh (Jun. 2024), TEDx Calgary (May 2024), Third PhD Workshop Sveriges Riksbank Stockholm (Apr. 2024), 3-Minutes Thesis Talk Competition UofC (Apr. 2024), Peer Beyond Graduate Symposium UofC Telus Spark Calgary (Feb. 2024)
- [3] Gas Tokens: Market for Future Settlement in Ethereum Blockchain (Work in Progress with Alfred Lehar)
- UCSB-ECON DeFi Seminar (Jul. 2024), DBA Research Group Haskayne (Nov. 2023)
- [4] Settlement Microstructure of Dependent Transactions (Work in progress, Solo Authored)
- [5] Price Efficiency Under Daily Price Limit Regimes: Evidence from Emerging Markets (Project, Solo Authored)
- [6] White Paper on Canadian Cryptocurrency Taxation (Project, with Government of Alberta, Metrics and Bank of Canada)
- [7] Double-Edged Sword of Regulation in Crypto Markets (Project, with Danusha Rajapaksa at University of Saskatoon)
- [8] Political Unrest and Bitcoin: A Safe Haven or a Fragile Shield? (Work in Progress with Imtiaz Sifat)
- [\*\*] **Research Grant: Canadian Securities Institute (CSI)** (Oct. 2024) Market Microstructure and Emerging Markets

### SELECTED DISCUSSIONS AND ATTENDANCE

- Financial Management Association FMA, (Oct. 2024), Economics of Financial Technology Conference (Jun. 2024), Paris December Finance Meeting EUROFIDAI-ESSEC (Dec. 2022)
- Crafting the Cryptoeconomy (Oct. 2024), CBER-Summer School (Jun. 2024), Tokenomics (Oct. 2023)

### TEACHING EXPERIENCE

- FinTech (FINC3490A), Undergrad Level, Sessional Instructor, Dhillon School of Business (Winter 2025)
- Corporate Finance (FINC3470C2), Undergrad Level, Sessional Instructor, Dhillon School of Business (Winter 2025)
- Introduction to Finance (FINC3040E), Undergrad Level, Sessional Instructor, Dhillon School of Business (Winter 2025)
- FinTech (FNCE481 L01, L02), Undergrad Level, Sessional Instructor, (USRI: 4.82/5, 4.77/5), Haskayne (Fall 2023)
- Financial Risk Management (FNCE667), MBA Level, TA Grading and Tutorials, Haskayne (Winter 2021 and 2023)
- Managerial Finance (FNCE601), MBA Level, TA Grading Tutorials, Haskayne (Fall 2021 and 2022)
- Security Analysis and Investments (FNCE443), Undergrad Level, TA Grading and Tutorials, Haskayne (Fall 2022)
- Financial Technology (FNCE631 and FNCE481), MBA and Undergrad Level, TA Grading, Haskayne (Fall 2020)

### HONORS & AWARDS

- (2024) Open Doctoral Scholarship (GAC), Marion Janet and Lan Stormont Forbes, Swiss National Bank Research Travel Grant, Haskayne Doctoral Scholarship, Sveriges Riksbank Research Travel Grant, 3MT Thesis Talk 3rd Place Winner Medal and Prize, CBER Summer School Travel Grant
- (2023) Bank of Canada Research Travel Grant, FGS Doctoral Scholarship, GSA Quality Money Project Award
- (2022) University of Bonn Research Travel Grant, Alberta Innovates Graduate Student Scholarship

- (2021) Alberta Innovates Graduate Student Scholarship, Eyes High International Doctoral Scholarship
- (2020) Alberta Graduate Excellence Scholarship (AGES), Pre-Candidacy Award Haskayne
- (2018) First Woman Promoted as CTO at Tehran Stock Exchange and Board Member to TSETMC and RayanBourse
- (2016) Ranked First in the MBA Capital Market Entrance Exam, Top Three Scholarship Winner

#### PROFESSIONAL EXPERIENCE

- Fintech Sessional Instructure, University of Lethbridge (Jan. 2025 – May. 2025)
- Corporate Finance Sessional Instructure, University of Lethbridge (Jan. 2025 – May. 2025)
- Fintech Sessional Instructure, University of Calgary (Sep. 2023 – Jan. 2024)
- Business Analyst and IT Consultant to the CEO, Kian Capital Asset Management (Oct. 2019 – Dec. 2019)
- IT Consultant and Project Manager, Kian Digital Company (Jun. 2019 – Oct. 2019)

#### INTERNATIONAL PROJECTS

- SMART Realtime Supervision Trading System (with SEO, Nasdaq), (2018 – 2019)
- HFT Trade Engine System Design (with Cinnober, B3, Nasdaq, ATOS-Euronext), (2017-2019)
- Electricity Exchange Market Establishment (with CSDI, IRENEX, Nord Pool), (2017 – 2018)
- Cross-border International Settlement (with KSD, CSDI), (2016 – 2018)
- Multi-Currency Clearing and Settlement MCNC (with CSDI, NSDL, MSX), (2012 – 2016)

#### DATA ANALYSIS SKILLS

- Query Languages: SQL Server, PostgreSQL, ClickHouse
- Datasets: Refinitiv, WRDS, OptionMetrics, Compustat, Blockchain
- Programming Languages: Julia, Python, C, Java

#### CERTIFICATES

- (2024, 2023) International Student Mentor Badge, Interactive teaching development workshop, The51 Financial Feminist Member Badge, Instructional Skills, Cryptocurrency Regulation Certificate California MCLE, Interactive teaching development
- (2022, 2021) Smart Money Financial Literacy Badge UofC, Taylor Institute Developing Teaching Dossier Badge (2017 IFC SEMEDCO) Future Contracts, Market Microstructure, Machine Learning and Deep Learning, Anti Money Laundering, Securities Industry Essentials, Capital Market Analyst, Financial Institutions Manager, Initial Public Offering Specialist

#### VOLUNTEER & LEADERSHIP ACTIVITIES

- Canada Woman in Cryptocurrency Ambassador AWIC, (Oct. 2023 – Present)
- Finance Circle Graduate Students Research Gathering Organizer, Haskayne (Sep. 2023 – Present)
- Calgary Public Library Fintech Teaching Lead for ESL Newcomers (Jan. 2023 – May 2024)
- Virtual Instructor for Afghan Women, Wisdom House (Nov. 2020 –2022)
- Executive Member, Iranian Newcomers Covid-19 Center Yara group (Aug. 2020 – 2021)
- Award Committee Member, Graduate Student's Association (Jul. 2020 – 2022)
- Financial Committee Executive Member, Persian Gulf Charity (Summer 2020)
- COVID-19 Volunteer for Community Support, University of Calgary (May 2020 – Sep. 2021)
- Executive Member at Doctoral Association for Students of Haskayne DASH (May 2020 – Sep. 2021)
- GRC Graduate Representative Council, Haskayne (Apr. 2020 – Aug. 2020)

#### IN THE NEWS

- [TEDx Calgary “Flow: Connecting the Dots”](#), TEDx Calgary (May 2024)
- [3MT Thesis Talk Competition Story](#) and [UofC 3MT Thesis Talk Winners](#), FGS UCalgary (Apr. 2024)

#### REFERENCES

- Alfred Lehar, [alehar@ucalgary.ca](mailto:alehar@ucalgary.ca), Supervisor, Professor at Haskayne
- Jonathan Chiu, [jchiu@bank-banque-canada.ca](mailto:jchiu@bank-banque-canada.ca), Senior Research Advisor, Bank of Canada
- Marius Zoican, [marius.zoican@ucalgary.ca](mailto:marius.zoican@ucalgary.ca), Associate Professor of Finance, Haskayne
- KJ Choi, [kj.choi@haskayne.ucalgary.ca](mailto:kj.choi@haskayne.ucalgary.ca), Associate Professor of Finance, Finance Chair at Haskayne