

27TH ANNUAL CANADIAN SECURITY TRADERS CONFERENCE



AUGUST 18-21, 2022

White Oaks Resort & Spa
Niagara-on-the-Lake, ON



TSX DRK

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August 18, 2022

I proudly welcome you on behalf of the Canadian Security Traders Association Inc. and its affiliates, to our 27th (IN PERSON!) annual trader's conference in scenic Niagara-on-the-Lake.

2022 will be known as the year that life went back to (mostly) normal following the COVID-19 lockdowns and restrictions. For 29 years the CSTA Board of Governors, administrators and organizers have been providing quality education, regulatory representation (BIG thank-you to the CSTA's Trading Issues Committee) and communication Canada-wide. Not even a global pandemic could stop us from our mission to promote ethics, maintain cooperation with stakeholders and foster communication. It is with renewed freedom to meet in person that the CSTA and affiliates embrace the ability to host networking events to keep people connected. I believe we all have a greater appreciation for the freedom to work, learn and socialize in person rather than through a computer screen. Though many of us are now working hybrid WFH/office, one can't help but feel that work life balance is easier to accomplish and time together more valuable

With hard work comes great rewards. It is thanks to the efforts and engagement of the CSTA's conference committees and administrators over the past months that we bring some of the industry's most respected professionals to speak and enrich our knowledge in various areas of contemporary finance, including regulation, fintech, market structure and geopolitics. We extend our gratitude to local affiliate, Institutional Equity Trader's Association (IETA) in the host province of Ontario. We also appreciate our valued sponsors and vendors who enable us to provide the conference in such a wonderful location with extra perks like an espresso bar, a snappy photo booth, tipping a glass at #99's winery, golf, tennis, outlet shopping and a rockin' battle of the bands! Something for everyone.

Please go out and have fun, enjoy the carefully curated content, and if you wish to become more involved with this great group of people or have any feedback for the CSTA in general, let us know! Thank-you for attending and participating in this year's conference and events. It is the strength of our community that keeps our association vibrant. I already look forward to seeing you all at next year's conference in the Rocky Mountains in my home province of Alberta.

Warm regards,

Paula Sexsmith

Chairman, Canadian Security Traders Association, Inc.

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Viewpoint Investment Partners

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SCHEDULE OF EVENTS

All comments made by speakers are
off the record.

**All events will take place in the
Grand Event Room unless otherwise
noted**

DAY 1

Thursday, August 18, 3pm-7pm



EARLY REGISTRATION

Garden Foyer

DAY 1

Thursday, August 18, 6pm-10pm



WELCOME RECEPTION & VENDOR FAIR

Garden Foyer

DAY 1

Thursday, August 18, 7pm-7:45pm



**OPENING REMARKS: ARE WE THERE YET?
NAVIGATING THE NEW WORLD OF WORK**

John Trougakos

DAY 1

Thursday, August 18, 10pm-Late



AFTER PARTY

Play Reserve Bar

DAY 2

Friday, August 19, 7am- 5pm



REGISTRATION

Garden Foyer

DAY 2

Friday, August 19, 7am-8am



BREAKFAST WITH VENDORS

Garden Foyer

DAY 2

Friday, August 19, 7am-5pm



VENDOR FAIR

Garden Foyer

DAY 2

Friday, August 19, 8am-8:15am



CONFERENCE MODERATOR OPENING ADDRESS

Patrick McEntyre

DAY 2

Friday, August 19, 8:15am-9:00am



PRACTITIONER ORIENTATED MARKET STRUCTURE

Eric Stockland, Jesse Grief, Sean Hoover

DAY 2

Friday, August 19, 9:00am-9:30am



DIAMOND SPONSOR: FIRESIDE CHAT

Rizwan Awan, John McKenzie

DAY 2

Friday, August 19, 9:30am-10:15am



**KEYNOTE ADDRESS: THE PROBLEM WITH DIVERSITY
IN INVESTING**

Rosanna Bruni, Liz Simmie

DAY 2

Friday, August 19, 10:15am-10:30am



REFRESHMENT BREAK WITH VENDORS

Garden Foyer

DAY 2

Friday, August 19, 10:30am-11:15am



**REGULATION: THE IMPACT OF REGULATION ON
TRADING & BEST EXECUTION**

Patrick McEntyre, Grant Vingoe

DAY 2

Friday, August 19, 11:15am-12:15pm



TRADING DIGITAL ASSETS

*Stephane Ouellette, Peter Coffey, Mike Rabkin,
Alex Tapscott*

DAY 2

Friday, August 19, 12:15pm-1:15pm



LUNCH WITH VENDORS

Garden Foyer

DAY 2

Friday, August 19, 1:15pm-2:15pm



TIPS FOR TRADERS

Kevin McCoy, Alex Taylor

DAY 2

Friday, August 19, 2:15pm-3:15pm



MARKET PLACE PANEL

*Jeremy Lai, Bryan Blake, Richard Carleton, Michael
Tintinaglia, Jonathan Sylvestre, Dan Kessous*

DAY 2

Friday, August 19, 3:15pm-4:00pm



FINTECH PANEL

*Etienne Phaneuf, Alexander Mirarchi, Allison Bishop,
Rich Mitterando*

DAY 2

Friday, August 19, 4:00pm-5:00pm



NORTH AMERICAN MARKET STRUCTURE

Doug Clark, Eric Bryce, Heather Killian, Sapna Patel, Rich Steiner

DAY 2

Friday, August 19, 5:00pm-5:30pm



CSTA BOARD OF GOVERNORS & AFFILIATE PRESIDENTS MEETING

TBA

DAY 2

Friday, August 19, 5:00pm-6:30pm



VENDOR FAIR COCKTAILS

Garden Foyer

DAY 2

Friday, August 19, 6:30pm-1:00am



AN EVENING AT WAYNE GRETZKY WINERY

Wayne Gretzky Estates

DAY 3

Saturday, August 20, 7am-8am



BREAKFAST WITH VENDORS

Garden Foyer

DAY 3

Saturday, August 20, 7:50am-8:00am



ANNUAL GENERAL MEETING

DAY 3

Saturday, August 20, 7:00am-12:00pm



VENDOR FAIR

Garden Foyer

DAY 3

Saturday, August 20, 7:00am-12:00pm



REGISTRATION

Garden Foyer

DAY 3

Saturday, August 20, 8:00am-8:45am



DEVELOPMENT IN THE TCA SPACE

Craig Hurl, Mark Davies, Vincent Gregoire, Evan Young

DAY 3

Saturday, August 20, 8:45am-9:30am



INNOVATIONS IN BLOCK CROSSING

Alex Perel, Rod Akins, Stephen Berte, Jay Lee

DAY 3

Saturday, August 20, 9:30am-10:00am



GEOPOLITICS

Guy Russell

DAY 3

Saturday, August 20, 10:0am-10:15am



REFRESHMENT BREAK WITH VENDORS

Garden Foyer

DAY 3

Saturday, August 20 10:15am-10:30am



STA UPDATE

Paula Sexsmith, Viewpoint Investment Partners

DAY 3

Saturday, August 20 10:30am-11:15am



HOW COVID-19 HAS CHANGED THE CONCEPT OF WORK, WORKPLACE AND WORKFORCE

Stephen Bain, Kevin Gopaul, Carl Gomez

DAY 3

Saturday, August 20 11:15am-12:15pm



SENIOR TRADERS SPEAK OUT

Robert Gouley, Lou Mouaket, Tyler Parrent, Meena Saggarr

DAY 3

Saturday, August 20, 12:15pm-1:15pm



BOXED LUNCH

Garden Foyer

DAY 3

Saturday, August 20, 1:00pm-6:00pm



GOLF AT PENLAKES GOLF CLUB

Penlakes Golf Club

DAY 3

Saturday, August 20, 2:00pm



TENNIS

White Oaks Resort

DAY 3

Saturday, August 20, 7:00pm-1:00am



BATTLE OF THE BANDS

BayStreet Boyz, Toe Jam Blues, Scratch

DAY 3

Sunday, August 21, 7:00am-11:00am



BREAKFAST AT LEISURE

Sunhill Dining Room



**Wishes to thank all the
Sponsors
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Speakers
&
Our Participants**

**For their tremendous support of the
27th Annual CSTA Conference
In Niagara-on-the-Lake, On**

**The CSTA also wishes to acknowledge and thank the many
volunteers and organizers for their personal time and
substantial commitment in making this Conference a
success.**

We applaud their efforts

Speakers & Moderators

(in alphabetical order)

All comments made by
speakers are off the record



Rod Akins
Head of POSIT Alert, Canada
Virtu Financial

Based in Toronto, Rod Akins joined ITG in 2006—prior to the firms' 2019 acquisition by Virtu Financial. Initially working in operations, he later transitioned to customer service support in 2009 and in 2016 joined the electronic coverage desk. In 2018, Rod assumed oversight for POSIT Alert, Canada—Virtu's global and institutional block indications network which delivers block liquidity to buy- and sell-side subscribers in 38 countries.

Virtu uses advanced technology and transparency to deliver liquidity to the global capital markets and helps clients pursue best execution in a scalable, efficient and data-driven manner. Over his 18-year career, Rod has amassed expertise and skill in institutional equity and electronic trading solutions, holding a previous role at BMO. Today, he helps Virtu clients manage the full trade lifecycle from electronic algo consultation to sourcing block liquidity through to middle and back-office operations.

Rod holds a BA in International Economics and Finance from Toronto Metropolitan (formally known as Ryerson University) in Toronto.



Rizwan Awan
President, Equity Trading and Head
of TMX Markets, Products & Services
TMX Group

Rizwan Awan leads the trading businesses of Canada's premier equity exchanges, Toronto Stock Exchange, TSX Venture Exchange, and TSX Alpha Exchange. He also oversees Products and Services across TMX Markets, responsible for innovating, designing, and building market solutions across all asset classes and charting the path for Canadian markets.

Rizwan joined TMX in 2020, following nearly two decades in client facing capital markets roles at leading financial institutions. Prior to TMX, he served as Managing Director of Quantitative Execution Services at BMO Capital Markets, heading up Program and Electronic trading as well as Index and Market Structure research. As an active contributor to market structure and policy issues in Canada, Rizwan represents TMX on OSC's Market Structure Advisory Committee and IIROC's Market Rules Advisory Committee. Mr. Awan is also the former Chair of the CSTA and Board of Governors of the US STA.

He holds a BMath degree in Computer Science from University of Waterloo and is a CFA charterholder.



Stephen Bain
Global Business Director
LSEG

Stephen serves as global relationship manager for LSEG, coordinating a broad suite of services for several of the world's largest financial institutions. He holds two decades of industry experience spanning fundamental and quantitative research, portfolio trading, trade cost analysis, benchmarking, data delivery and market structure analysis. He previously served as Managing Director, Chief Strategist, Head of Canadian Market Structure, Head of Canadian Electronic Equities Trading and Head of Indexing and Benchmark Research for Canada's largest bank.

More recently, Stephen has focused on data, innovation and emerging technologies and their implications for global finance. In this capacity, he's assisted in due diligence on venture investments and advised on a range of corporate development, strategic, regulatory, intellectual property, and related market structure matters – as well as heading innovation efforts for Canada's largest broker-dealer. Today at LSEG, he oversees delivery of a leading suite of news, research, data and analytics services to global financial institutions – covering retail wealth, asset management, investment banking, equity research, institutional trading, customer-counterparty onboarding and third party risk.

Stephen holds a Bachelors of Commerce and Masters of Management Studies from Carleton University in Ottawa and has been a Chartered Financial Analyst since 2000.



Stephen Berte

President

Bids Trading

As President, Stephen Berte is responsible for the strategic direction and growth of BIDS Trading, the Alternative Trading System designed to increase competition and liquidity in equity trading markets around the world.

Berte began his career at Standard Life Investments (SLI) in 2003, where he spent nearly 17 years. Berte's career at SLI started as an equity trading assistant and evolved into roles that included Global Head of Equity Trading based in Edinburgh, UK, as well as Head of Trading in the Americas across all asset classes including equity, FI, derivatives, money markets, and FX. Berte also sat on the Executive Management Committee and the Investment Management Committee in the Americas, shepherding the growth of the US business and delivering world class outcomes to their clients.

From SLI, Berte spent his next three years at Liquidnet Holdings and Tourmaline Partners, operating in a variety of strategic roles including business development, relationship management and corporate strategy helping to grow both businesses. Berte graduated from Brown University with a BA in sociology and holds FINRA Series 7, 24, and 63 licenses.



Allison Bishop

Co-founder & President

Proof Trading

Allison Bishop is co-founder and President of Proof Trading, an institutional broker-dealer for US equities. She is also a part-time visiting professor in the computer science department at City College, CUNY, where she teaches graduate courses on data privacy and adversarial artificial intelligence. She is an appointed member of the board of the International Association for Cryptologic Research, and the creator of the annual Conference for Failed Approaches and Insightful Losses in cryptology. She was formerly a quantitative researcher at IEX, and an assistant professor in the computer science department at Columbia. She holds a PhD in computer science from the University of Texas at Austin, a masters in mathematics from the University of Cambridge, and a bachelors in mathematics from Princeton University. Her main areas of research include stock market microstructure, applied machine learning, distributed systems, and cryptography.



Bryan Blake

Co-founder & President

Proof Trading

Cboe Global Markets

Bryan Blake is Vice President and Head of Canadian Equities at Cboe Global Markets. He is responsible for overseeing product development and sales for the company's equity trading business in Canada.

Prior to joining Cboe, Bryan served as Vice President of Electronic Trading Sales at Bank of America Merrill Lynch. His career spans sell-side, buy-side and exchange environments in leadership and business management roles. Bryan received a BA specializing in Computer Science from the University of Guelph. <b



Rosanna Bruni

*Former Senior Director, Head of Trading
Former PSP Investments*

Rosanna Bruni is a senior leader in Capital Markets with over twenty years of experience in the financial services industry. In her last role as Senior Director and Head of Trading, at the Public Sector Pension Investment Board (PSP Investments), Rosanna was responsible for building and managing a global, cross asset trading desk in a multi-market environment. Rosanna is passionate about helping Capital Markets become a space where Women can thrive and live up to their potential. In this new phase of her career, Rosanna wishes to increase her board involvements and has recently obtained the ICD-Rotman Directors designation. In addition, she has returned to the university benches to better grasp the historical, societal, and cultural underpinnings of gender dynamics in order to bring that expertise to advisory and board mandates.



Eric Bryce

*Associate Director, ETF & Electronic Trading
National Bank Financial*

Eric Bryce is an Associate Director, ETF & Electronic Trading at National Bank Financial, where he thinks and writes about equities market structure and is responsible for the bank's algorithmic equities trading suite. Prior to joining NBF, Eric cut his teeth at ITG and Virtu. After the close, Eric is a reservist in the Canadian Armed Forces, a volunteer ski patroller, and an organizer of a series of workshops at a cybersecurity conference. Eric holds a B.A.Sc. in Engineering Science from the University of Toronto, which was as close as he could get to majoring in Undecided.



Richard Carleton

*CEO
Canadian Securities Exchange*

Richard Carleton was appointed CEO of the Canadian Securities Exchange in July 2011. During his tenure, Richard and the CSE team have positioned the exchange to take a leading role in the provision of public capital to entrepreneurial companies; since 2014, the CSE has set a series of records for new listings, capital raised by issuers and trading turnover. An early advocate for the cannabis industry, the CSE is the global exchange leader in the sector. Recognized by the Financial Post Magazine as one of Canada's "25 Cannabis Industry Power Players", and a recipient of the American Trade Association for Cannabis and Hemp's "Captain of Industry" Award in November 2018, Richard is a frequent speaker on early-stage company finance issues around the world.

In addition to his responsibilities with the CSE, Richard is a director of two private companies: Tetra Trust Company and Blue Ocean ATS, LLC. Richard is also a member of two not-for-profit boards: the Empire Club of Canada, and the Private Capital Markets Association. He was also recently named to the OSCs "Market Structure Advisory Committee".

A member of the Law Society of Ontario since 1987, Richard is a graduate of the University of Ottawa (B.A. '81) and the University of Toronto (LL.B. '85). He has also completed the executive development programme at the Wharton School, University of Pennsylvania.



Doug Clark
Head of Equity Product Design
TMX Group

Doug Clark recently joined the TMX Group as Head of Equity Product Design. Prior to joining the TMX, Doug has spent nearly 30 years working in the dealer community, running trading and research teams, in both equity and derivative verticals. Doug is a former Chair of the Canadian Security Traders' Association, the (U.S.) Security Traders' Association and the OSC's Market Structure Advisory Committee.



Peter Coffey
Head of TSX DRK
TMX Group

Peter is the Head of TSX DRK trading at the TMX Group, as well as leading other new and strategic product initiatives for the organization. Peter has had an extensive career across the Canadian financial markets and dealer community, including Head of Canada for Liquidnet, Executive Director at Instinet, and senior sales and trading roles at Scotiabank and E*Trade. Prior to joining the TMX, Peter worked with early-stage cryptocurrency and blockchain focused firms, building digital trading and settlement solutions. Over the years, Peter has also been an active member of the Canadian markets and trading community, including the OSC Market Structure Advisory Committee.

Peter holds a Bachelor of Commerce (Honours in Finance) from the University of Ottawa.



Mark Davies
Co-Founder & CEO
S3

Mark Davies is Co-Founder and CEO of S3, a full-service compliance and trade analytics software company that services many of the world's largest financial institutions and exchanges. Davies is responsible for the company's overall business strategy, as well as daily operations required to deliver an exceptional experience to S3's valued clients. S3 was founded in 2001 and found its niche after launching its first trading analytics product in 2004. Since then, Davies has shaped S3 to become the trusted industry standard for international regulatory reporting, trade surveillance, CAT, TCA, and best execution analytics across multiple asset classes. Davies is an industry thought leader on market structure and regulatory requirements, particularly the SEC's Rule 606. He is Co-Chair of the FIF Rule 606 Committee and a member of several other industry groups, including the STA Listed Options Committee, the Security Traders Association of NY, the Dallas Security Traders Association, and SIFMA. He lives in Austin, TX with his wife and three children.



Carl Gomez

*Real Estate Investment Strategist
Costar*

With over twenty years of business experience, Carl Gomez is a well-known Canadian economist and respected investment professional specializing in real estate. He was appointed Chief Economist and Head of Market Analytics for CoStar Group in November 2020 and is responsible for working strategically to accelerate the brand's growth momentum in Canada and to build and manage a team of high performance, senior level talent across the country.

Carl was formally Senior Vice President, Research & Strategy for QuadReal Property Group. In that role, he oversaw portfolio strategy, research, and strategic market analysis for the company from both the fundamental and capital markets perspective.

Carl has worked at Bentall Kennedy, and on Bay Street as a Senior Economist, first with RBC Financial Group and then with TD Bank Financial Group.

Carl began his career in Vancouver where he held the position of B.C. Regional Economist with the Canada Mortgage and Housing Corporation (CMHC). He also occasionally lectured on demographic based forecasting methods at Simon Fraser University. Carl holds an M.A. in Financial Economics from the University of Victoria and an Honours B.A. (Economics) from the University of Western Ontario. Carl has been an active board member for the Toronto Association of Business Economists and is a part time lecturer at Schulich Business School.



Kevin Gopaul

*Head of Exchange Traded Funds
BMO Asset Management*

Kevin is the Head of Exchange Traded Funds. Kevin is a key asset to the team with over 18 years of progressive investment industry experience, including global passive and active strategies. Prior to joining BMO GAM, he served as Principal, Portfolio Manager at Barclays Global Investors Canada where he played an integral role in overseeing the management of Exchange Traded Funds and Institutional mandates. Kevin also worked as an index arbitrage trader with Scotia Capital. Kevin continues to be an active participant in the financial services industry, serving as a member of the Standard & Poor's Advisory Panel, and the Dow Jones Global Index Committee. Kevin studied Economics, Finance and Computer Science at the University of Waterloo. Kevin was named one of IIAC's Top 40 Under 40 in 2015 and is currently the Chairman of Canadian ETF Association.



Robert Gouley

*Principal, Trading
OMERS*

Rob Gouley has worked on the Trading desk of OMERS for the past 12 years trading global equities. As a Trader, Robert is the eyes and ears of the OMERS organization. Robert implements investment decisions on a global basis by leveraging a strong network of relationships.

Robert has an Honours BA in Economics from McMaster University, is a CFA charter holder, is a CAIA charter holder, a Financial Risk Manager, a member of the Market Technicians Association, and a Fellow of the Canadian Securities Institute. Robert is co-lead of the Trading Issues Committee, a past Chairman of the Canadian Securities Traders Association and a past Chairman of the Canadian Advocacy Council of CFA Societies Canada.

Robert is the proud father of Chelsea Gouley. In his spare time, he enjoys swimming, running and competing in Ironman Triathlons.



Vincent Grégoire
Co-Founder & Chief Data Scientist
Berkindale Analytics

Vincent Grégoire is co-founder and Chief Data Scientist of Berkindale Analytics, Montréal-based startup. Their AlphaBook platform is a next-generation cloud-based solution that provides financial market data and on-demand analytics. At Berkindale, Vincent oversees the development of analytics and AI-driven insights. Vincent is also a tenured associate professor of finance at HEC Montréal, where he holds a research professorship in financial big data analytics. He is a member of the scientific council of Compute Quebec. He was previously an assistant professor of finance at the University of Melbourne and taught finance courses at the University of British Columbia and Laval University. He holds a Ph.D. in Finance from the University of British Columbia and an MSc in Financial Engineering, an MSc in Electrical Engineering (computer vision), and a BEng in Computer Engineering (intelligent systems) from Laval University. He is a CFA Charterholder.



Jesse Greif
CEO
OneChronos

Jesse Greif is the Chief Operating Officer of OneChronos, based in New York. Before joining OneChronos, Jesse was Head of Product for Goldman Sachs Principal Liquidity Solutions, providing traders & asset managers electronic tools to access Goldman's internal capital through algorithm & routing offerings for intraday and benchmark liquidity. Before Principal Liquidity Solutions, Jesse was global COO of Goldman's Equities Systematic Market Making business. Jesse holds an MBA from The Wharton School at the University of Pennsylvania and a Bachelor's degree in Behavioral Psychology from Northeastern University. He also holds FINRA Series 24, 57, 63, and 7 licenses.



Sean Hoover
Chief Operating Officer
PureStream Trading Technologies, Inc.

Sean Hoover is Managing Director and Chief Operating officer of PureStream Trading Technologies, Inc., an innovative institutional trading venue focused on increasing institutional liquidity "bandwidth." Sean began his career on the trading desk at RCM Capital Management in San Francisco where he was responsible for executing equities transactions for their institutional portfolios. In 1995 Sean joined Goldman Sachs in their San Francisco office as a sales-trader covering West Coast institutional clients. In 2001 Sean was named Managing Director and had responsibility for all Equities and Fixed Income businesses on the West Coast. In 2005 Sean relocated to New York to run Goldman's International Execution teams. He was later promoted to Partner and named Global Co-Head of Equities Execution Services, a collection of business units comprised of more than 600 people spanning offices around the world. Sean's 30 years of commercial and leadership success have earned him the trust and confidence of buy-side trading teams around the world. Sean Hoover graduated from the University of California at Berkeley with a Bachelor of Arts degree in Political Science. He holds numerous regulatory securities licenses and serves on the board of "Part of the Solution" in Bronx, NY. He is happily married and currently resides in Rye, New York with his wife and three children.



Craig Hurl

*Director, Global Equity Trading
OTPP*

Craig Hurl is Director, Global Equity Trading in the Capital Markets department at the Ontario Teachers' Pension Plan Board. As of August 2008, Mr. Hurl became Head of Equity Trading, which is responsible for all agency trading (including equities and equity derivatives) within the Fund.

Prior to his current role, he was Director, Enhanced Index and Income Trusts, where he managed the Canadian Enhanced Index portfolio, an Income Trust portfolio, along with other global enhanced index strategies.

Prior to joining Teachers' in June 1997, he was Manager, Index Operations at the Toronto Stock Exchange, where he worked for 10 years.

Mr. Hurl graduated from the University of Guelph in Ontario, Canada with a Bachelor of Arts double major in Management Economics. Mr. Hurl is a Chartered Financial Analyst (CFA) charterholder, and is a member of the Toronto CFA Society.



Dan Kessous

*CEO
Nasdaq Canada*

Dan Kessous is Chief Executive Officer at Nasdaq Canada. In this role, Mr. Kessous is responsible for the Exchange's strategy and oversight of its business and operational functions. Mr. Kessous joined Nasdaq in 2016 through the acquisition of Chi-X Canada ATS Limited where he was CEO.

Mr. Kessous previously served as COO of Chi-X Canada and had been with the company since its inception. Prior to joining Chi-X Canada, he held various positions in trading software design and development at Reuters both in France and Canada. He is a member of the OSC's Market Structure Advisory Committee and participates in the TMX IP Governance committee.

Mr. Kessous is also a former member of the IIROC's Ontario District Council and a current member of the IIROC's Market Rules Advisory Committee.

Mr. Kessous holds a Masters in Computer Science and an Advanced Engineering degree in Artificial Intelligence from the University of Paris-Jussieu.



Heather Killian

*Executive Director & Head, Global
Electronic Trading, Prime Services
Group
CIBC Capital Markets*

Heather Killian is the Head of Global Electronic Trading at CIBC Capital Markets. She is directly responsible for the management of CIBC's electronic equity trading solutions, and functions in numerous roles on a daily-basis to help grow CIBC's equities business. Ms. Killian's responsibilities include: advancing and distributing CIBC's electronic offerings; expanding relationships with clients, counterparties, marketplaces and regulators; evaluating new technologies; and contributing to CIBC's equity markets business strategy through in-depth analysis of the regulatory and market structure environment. Ms. Killian has been a key contributor to the development and growth of CIBC's electronic trading product platform.

Ms. Killian has been an active contributor to market structure dialogue and policy issues in Canada over the years as a member of various industry committees, including the OSC Market Structure Advisory Committee and IIROC's Market Rules Advisory Committee (MRAC). Additionally, Ms. Killian served on the Toronto Chapter of 100 Women in Finance which is a global organization of more than 15,000 women who collectively strive to make a difference in both industry and community. Prior to joining CIBC in 2010, Ms. Killian was the Chief Operating Officer at a Canadian Alternative Trading System (ATS) where she was involved in all aspects of the system's launch into the marketplace. She also worked for independent broker dealers with extensive experience in institutional trading and product management. Ms. Killian holds an Honours BA from the University of Western Ontario.



Jeremy Lai
Vice President, Equity Trading
TD Securities

Jeremy Lai started his career at TD Securities on the Index and Market Structure Strategy desk where he spent 3 years leveraging his mathematics background from the University of Waterloo in building research products for index, market structure, ETFs and options. He has since transitioned to client coverage and liability management on the equity trading desk where he focuses on index and program trading, leveraging his research experience as a practitioner. Outside of capital markets, Jeremy is an avid poker player and crypto enthusiast.



Jay Lee
Head of Liquidnet Canada
Liquidnet

Jay began his career in the capital markets as corporate banker before moving to sales and trading roles in fixed income, equities, equity derivatives at both Canadian and global banks. Along the way he spent over 5 years as a hedge fund manager at one of Canada's pre-eminent hedge funds. After 20+ years in the lit and OTC markets, Jay decided to move into electronic markets and joined Liquidnet as Head of Canada



Kevin McCoy
Vice-President of Market
Compliance and Policy
IIROC

Kevin has spent more than 3 decades working in the securities industry, including holding senior roles with several Canadian dealers spanning operations and compliance and regulatory. Kevin joined IIROC in 2010 as a Senior Policy Analyst in Market Policy. Currently, Kevin is Vice-President of Market Compliance and Policy, responsible for the national leadership of Market Policy, Trading Conduct Compliance and Trading Review and Analysis.



Patrick McEntyre

Co-Head of Institutional Sales for ETFs, Portfolio Trading, Electronic Trading, and Equity Derivatives Managing Director, Electronic Trading & Services National Bank Financial

Patrick is Co-Head of Institutional Sales for ETFs, Portfolio Trading, Electronic Trading, and Equity Derivatives. He also heads up the Electronic Trading & Services group, which offers DEA and algorithmic trading strategies to institutional clients. He has over 25 years of trading experience.

Prior to NBF, he was with ITG Canada as a Director in their electronic brokerage group and headed up their Commission Management Services. He spent his formative years in Montreal at boutique global investment dealer Pavilion Global Markets where, as the Head of North American Equity Trading, he was instrumental in developing their portfolio trading capabilities in both Canada and the U.S. He has been actively involved in shaping the Canadian regulatory environment through regular participation in industry comment letters and contributions to advisory committees like MSAC, MRAC, and as current co-chair of the CSTA's Trading Issues Committee. He is a sitting member of NBF's Best Execution Committee, which is mandated to ensure best practices in trading for all NBF client flow.

Patrick is a CFA and went to most of his classes at the University of Western Ontario.



John McKenzie

*CEO
TMX Group*

John McKenzie is the Chief Executive Officer (CEO) of TMX Group.

Mr. McKenzie is a member of the TMX Group Board of Directors and also a member of the Board of Directors of several TMX Group subsidiaries.

Prior to his appointment as CEO on August 17, 2020, Mr. McKenzie served as TMX Group Chief Financial Officer and was responsible for corporate strategy, corporate development, investor relations and the financial management of the company as well as for the administrative oversight of TMX Group's Capital Formation business. Working with TMX for over 20 years, Mr. McKenzie's career has included senior roles within Corporate Strategy and Development and Corporate Finance. He has led financial and strategic planning efforts and managed various TMX acquisitions, including the Maple transaction, the acquisitions of Montréal Exchange and Trayport, as well as the resulting integration initiatives.

From July 2015 to August 2016, he served as President of CDS, Canada's equity and fixed income clearing house and a wholly-owned subsidiary of TMX Group. Prior to that he was the Chief Operating Officer (COO) and CFO of CDS.

Mr. McKenzie is a Chartered Professional Accountant (CPA, CMA) and has an MBA from Edinburgh Business School, Heriot-Watt University and an Honours BA from Wilfrid Laurier University.



Alexander Mirarchi

*Capital Markets Specialist
Amazon Web Services*

Alex Mirarchi is a Capital Markets Industry Specialist at Amazon Web Services (AWS). Alex's core focus is helping Global Exchanges and Infrastructure firms transform their businesses with AWS products and services. He also supports asset managers, investment banks, broker dealers, and fintechs in developing their cloud strategies. Alex joined AWS from Oracle Cloud Infrastructure (OCI), where he was responsible for strategy and structuring programs and strategic partnerships with Independent Software Vendors (ISVs). Prior to Oracle, Alex worked in capital markets, selling Asian Equities to Hedge Funds in London with HSBC and in New York with Macquarie Group. Alex also held front office roles in Fixed Income and Foreign Exchange, and started his career in HSBC Global Asset Management's alternatives division in London. Alex holds an MBA from Columbia Business School and is based in New York.



Richard Mitterando
Product Manager
Nasdaq OMX



Lou Mouaket
Executive Director & Head of
Program Trading
CIBC Capital Markets

Lou Mouaket runs the Global Program Trading desk and is a senior sales trader at CIBC. He is focused on helping clients find liquidity solutions to their execution needs. He has traded a multitude of roles, including sales trading, program trading, arb trading, and liability trading throughout his career. Lou has spent the last 14 years at CIBC, and has had previous work experience at Scotia, ITG (Virtu) and TD. Lou graduated from the University of Waterloo in 2002 with a Bachelors of Science and Business and had served 4 years (2 terms) on the CSTA board as head of the Trading Issues Committee.



Stéphane Ouellette
CEO & Co-Founder
FRNT

Stéphane began his capital markets career working in the Equity Products group on the trading floor at BMO Capital Markets (BMO) in 2010 as a Cash Equity Sales Trader, covering a wide range of account types (hedge funds, pension funds, mutual funds) and geographies (Canada, US, Europe, Asia). He eventually transitioned into BMO's hedge fund sales trading group and added coverage of equity options and equity swaps. He would ultimately be referred to as a 'hybrid trader' by the time he left the firm as a Vice President. In 2018, Stéphane left BMO to start FRNT Financial in 2018. He continues to be active in industry groups. In August 2019, Stéphane was elected Chairman of the Canadian Security Traders Association (CSTA) following a term as Vice Chairman.



Tyler Parrent
Director, Equity Trading
RBC Capital Markets

Tyler Parrent is a liability trader on RBC's Canadian institutional equity desk where he's worked for the last 10 years covering a wide variety of sectors and responsibilities. Tyler is currently responsible for trading the Materials, Consumer, Telecom, and Technology sectors while also managing high-touch interaction with RBC's Canadian equity central risk book and overseeing corporate NCIB/ ATM trading.

Tyler grew up in Kelowna, BC, earned a Bachelor of Commerce from the University of Alberta, a Master of Financial Economics from the University of Toronto and Rotman School of Management, and is a CFA Charterholder. Tyler and wife Brandi were delighted to welcome their first child, baby girl Rowyn, in Sept 2021, and also have a 2yr-old Aussie-Labradoodle Stevie.



Sapna Patel
Head of Americas Market Structure
and Liquidity Strategy
Morgan Stanley

Sapna C. Patel is the Head of Market Structure and Liquidity Strategy at Morgan Stanley for the Americas and is an Executive Director on the Morgan Stanley Electronic Trading desk. In her current role, Ms. Patel focuses on market structure issues, regulatory developments, order routing and liquidity strategies, as well as business development.

Prior to joining the desk in 2008, Ms. Patel spent three years as an institutional equities coverage attorney in the Morgan Stanley Legal and Compliance Division. Ms. Patel began her career at the U.S. Securities and Exchange Commission in the Division of Trading and Markets (formerly the Division of Market Regulation) and held various positions during her five years at the agency.

Ms. Patel currently is the Chair of the SIFMA Equity Markets and Trading Committee and previously served as the Chair of the FINRA Market Regulation Committee. She also participates on the STA Market Structure Analyst Committee and on the Cboe Equity Advisory Committee, and is a member of the National Organization of Industry Professionals. Ms. Patel serves on the Markets Media Women in Finance Board and was the recipient of the Markets Media Women in Finance 2015 Excellence in Market Structure award.

Ms. Patel holds a Juris Doctorate degree from the University of Maryland School of Law and Bachelor of Science degrees in Criminal Justice and Psychology from American University.



Alex Perel
Head of ETF Services
ScotiaBank

Alex Perel is Director and Head of ETF Services at Scotiabank Global Banking and Markets. In this role, Alex leads Scotiabank's ETF market-making and client facilitation activities in Canada. Prior to joining Scotiabank in 2017, Alex led the ETF market making desk at another Canadian financial institution where he developed an expertise in Canadian equity market microstructure and regulatory affairs. He brings a comprehensive knowledge of the Canadian ETF landscape from the perspective of investors, fund sponsors and intermediaries.

Alex graduated from the University of Waterloo with a Bachelors of Mathematics degree, and is a Chartered Financial Analyst. He is a past Chair of the Canadian Security Trader Association.



Etienne Phaneuf
CEO
ArchES Computing

Etienne Phaneuf is CEO and President of ArchES Computing. ArchES builds the next generation of trading and data systems - leveraging FPGA technology to handle massive data at ultra-low latencies. Etienne oversees the firm's strategic direction and culture: delivering cutting edge technological data and execution solutions tailored to clients' needs. Etienne is an experienced executive at the intersection of technology and finance. Prior to joining ArchES, Etienne was CEO of ITG Canada, now Virtu-ITG Canada, a provider of electronic trading services, transaction cost analysis and trading software. Over the course of his 19 years at ITG, Etienne held a number of leadership roles, helping build ITG into the leading electronic trading provider to the institutional community. Etienne holds a Bachelor of Mathematics from the University of Waterloo.



Mike Rabkin
Head of Institutional Sales & Global Partnerships
DV Chain

Michael Rabkin is the Head of Institutional Sales & Global Partnerships at DV Chain. Michael was the President & Founder of SigOne Capital, an institutional Over-The-Counter digital asset trading platform which was acquired by DV Chain in December 2019. Previously, Michael was a Founding Team Member at Shorcan Digital Currency Network, a wholly owned subsidiary of the TMX Group (TSE:X) focused on brokering Bitcoin and Ether OTC trades. Combining his past experience in the traditional financial world with his present day role in the digital asset ecosystem allows Michael to effectively bridge the two worlds together.



Guy Russell
Senior Analyst
BCA Research

Guy Russell is a senior analyst in the Geopolitical Strategy team at BCA Research, a leading independent provider of global investment research. Guy develops macroeconomic and geopolitical based recommendations for multi-asset investment portfolios to generate geopolitical alpha across developed and emerging markets over a tactical and strategic horizon. Guy is also responsible for developing election forecast models and market based geopolitical risk indicators to predict political and geopolitical events. Guy holds a master's degree in financial economics and econometrics from the University of Johannesburg. Prior to joining BCA Research, Guy worked as an economist at the South African Export Credit Agency and the South African Reserve Bank, covering macroeconomic forecasting and political economy research across several developed and emerging markets. Guy's main areas of research include geopolitics, macroeconomic and election forecasting, volatility modelling, and global digital assets policy.



Meena Saggar

*Vice President & Senior Trader,
BMOGAM*

Meena has over 20 years of experience in the financial services industry, and has held various positions thru out her career, having started out in operations at Canada Life Investment Management, and then moved on to trading at Jones Heward Investment Management and Canada Trust Investment Management. In 1997, Meena moved to Burgundy Asset Management to oversee all aspects related to trading (fixed income, money market and equities – both domestic and international).

Meena joined BMO Global Asset Management Inc (part of BMO Harris Private Banking) in 2006, as senior equity trader for the fundamental team as well as oversee all the equity trading for the private bank.

Meena has served on the Board of Institutional Equity Traders Association and is currently on the Board of Canadian Security Traders Association (CSTA) as a Governor and Treasurer. Treasurer for the Bay Street Children's Foundation. She is also co-chair for the DEI Communication and Culture Committee at BMO Global Asset Management.



Paula Sexsmith

Viewpoint Investment Partners



Liz Simmie

*Co-Founder
Honeytree Investment Management*

Liz is the co-founder of Honeytree Investment Management, an asset management firm focused on responsible growth, based in Toronto. Together with the team she manages Honeytree's concentrated active investment strategies for institutional and private clients. Honeytree believes what is traditionally seen as 'ESG' data is just as important to assessing a company's long term growth and risk as traditional fundamental data – and we integrate them both equally in our investment process. We are proud to be one of the handful of women-led responsible asset management firms globally leading the conversation. Prior to founding Honeytree she worked at Bristol Gate Capital Partners a leading active management firm, and before that she worked in quantitative market research for Ipsos. Liz has BA in Economic Statistics and History. Liz lives with her husband and three kids in Toronto.



Rich Steiner

*Head of Global Market Structure
RBC Capital Markets*

Rich Steiner leads RBC Capital Markets' efforts to foster an open and honest dialogue on market structure developments with government officials and actively engages clients to develop a truly unique offering. He leads RBC's global market structure advocacy efforts, focusing on more efficient, more transparent, less-conflicted markets and works closely with RBC's Regulatory and Government Affairs team in Washington, DC. Additionally, Rich drives various strategic innovation initiatives across RBC Global Markets, Investment Banking, Wealth Management, and City National Bank.

Rich joined RBC in 2009 and was one of the key founding members of RBC's THOR electronic trading platform, as well as Head of Market Structure Strategy. He currently serves on a number of industry groups, including the SIFMA Equity Markets & Trading Committee and is a board member of National Organization of Investment Professionals (NOIP). Prior to joining RBC, Rich held electronic and program trading positions at BNP Paribas, ITG and Goldman Sachs.



Eric Stockland

*MD, Head Of Quantitative Strategy
BMO*

Eric is responsible for BMO's Electronic Trading institutional quantitative strategy globally. He collaborates with clients to improve benchmark performance by applying a robust empirical approach for testing and measuring results using an iterative and methodical process. His knowledge of market structure and adept usage of advanced trading technologies allows him to tackle complex trading strategies as he strives to improve a clients' trading performance. A thought-leader and industry veteran, Eric has over 20 years of experience in trading, capital markets technology, and exchange operations. Prior to joining BMO Capital Markets, he served as IEX's Chief Strategy Officer, representing IEX in industry and regulatory policy discussions and providing leadership to multiple teams within IEX. Eric led product development, quantitative research and business development teams at various times during his 4-year tenure with the company. Prior to IEX he was an execution consultant at KCG, a trader at GETCO and he began his career at Archipelago (now NYSE Arca).



Jonathan Sylvestre

*Chief Compliance Officer & Head of
Market Structure
Tradelogiq Markets Inc.*

Jonathan recently joined Tradelogiq as its Chief Compliance Officer & Head of Market Structure. In his current role, Jonathan is responsible for Tradelogiq's compliance with regulatory requirements as both an IIROC member and operator of the Omega ATS and Lynx ATS marketplaces, and is also focused on market structure and regulatory developments in support of Tradelogiq's business development function.

Jonathan's prior work experience includes over five years at TMX Group where the positions held included that of Head, Business Strategy, Equities Trading for which his responsibilities included strategy development and business intelligence for TMX's equities trading business. Jonathan also spent over a decade at the Ontario Securities Commission as member of its Market Regulation Branch, where his responsibilities included the oversight of marketplaces and self-regulatory organizations, and policy making relating to market structure issues.



Alex Taylor

*Vice President, Market Surveillance
Investment Industry Regulatory Or-
ganization of Canada*

Alex Taylor is the Vice President of Equity and Debt Surveillance at IIROC. Alex has a broad range of experience in Canada's capital markets over the past two decades in various roles including mid-office, technology, sales & trading. Previous to joining IIROC, Alex worked at CIBC for 7 years heading the cash equities trading supervision group and also represented the firm in numerous industry committees and working groups. Previous to CIBC, Alex worked at TMX developing regulatory technology solutions for both regulators and dealers before moving to the TMX business team responsible for developing the firm's equity trading business as Canada's ATS rules evolved.



Michael Tintinaglia

*Managing Director, Equities Trading
TMX Group*

Michael is Managing Director, Equities Trading at the TMX, leading a team in charge of Account Management, Sales and Business Development, globally. Prior to joining the TMX Group he was an Institutional equity trader for 13 years starting at a multinational firm, ending at a Canadian boutique. Michael is actively involved with both the Institutional and Retail trading community, sitting on the TSX's Retail and Market on Close advisory group. Michael holds a Masters of Finance from the Rotman School of Business at the University of Toronto, a B.Sc. in Engineering for the University of Guelph, and is a CFA charter holder



John Trougakos

*Professor of Organizational Behavior
and HR Management
University of Toronto*

John Trougakos is a Professor of Organizational Behavior and HR Management at the University of Toronto. His research explores the dynamics of employees' daily organizational life, seeking to provide insights into current organizational challenges as well as those of the rapidly evolving workplaces of the future. He specializes in helping companies with issues related to strategy, leadership, group dynamics, employee well-being, novel methods of working and productivity, as well as humananalytics. John's award-winning research has been published in numerous leading academic outlets and has been featured widely by a variety of media outlets, including the New York Times, BBC, CBC, the Globe and Mail, and National Public Radio. His industry collaborations include Staples Canada, Hellenic Pharma, HP Canada, Bell Canada, Deloitte, the U.S. Department of Labor, the U.S. Department of Defense, the Royal Canadian Mounted Police, and the Canadian Securities Trader Association, among many others.



Grant Vingoe

CEO

Ontario Securities Commission

Grant Vingoe is the first dedicated Chief Executive Officer of the Ontario Securities Commission (OSC). He previously served as both Chair and CEO of the OSC before the roles were separated with the proclamation of the Securities Commission Act, 2021 on April 29, 2022. He continues to serve as a member of the OSC's Board of Directors.

Grant is Chair of the Policy Coordination Committee of the Canadian Securities Administrators (CSA), the umbrella organization for securities commissions in Canada, and is a member of the board of directors of the International Organization of Securities Commissions (IOSCO). He is also the Chair of the Joint Regulators Committee responsible for the CSA's oversight of the Ombudsman for Banking Services and Investments.

Grant is a senior leader and trusted adviser for regulatory agencies and, during his career as a partner in leading global law firms, for issuers and financial services clients. He has extensive cross-border expertise in securities law and deep knowledge of financial markets.

Grant holds a J.D. from Toronto's Osgoode Hall Law School and an LL.M. from the New York University School of Law. He was admitted to the bar in Ontario in 1983 and in New York in 1985.



Evan Young

Co-Founder & CEO

Spacetime

Evan Young is Co-Founder and CEO of Spacetime.io, a Toronto based start-up that provides advanced trading analytics and workflow solutions. Their TradeFabric.ai trade intelligence platform provides traders and other stakeholders with actionable insights before, during, and after a trade by combining real time and historical analytics with intuitive visualizations, and meaningful alerts.

Evan has over 20 years experience in trading, technology, and capital markets roles. Prior to starting Spacetime.io, he was Managing Director, Head of Electronic Execution Services at a major Canadian bank-owned dealer. He holds a B.A.Sc. in Electrical Engineering from the University of Waterloo and is a CFA Charterholder.



Joey Zhang

Director, ETF Trading

BMO Capital Markets

Joey joined BMO Capital Markets in 2011 and rotated through FX (China), Fixed Income Trading and joined ETF Sales and Trading desk since 2012. He is currently covering market making in ETFs across all assets and specializes in International ETFs. Joey holds a Bachelor of Computing and Financial Management from University of Waterloo.

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The image features a large, dark blue triangular graphic on the left side, containing the Cboe logo and text. The background is a photograph of a city skyline, likely Chicago, with a large green park in the foreground. A thick green diagonal line runs across the image from the top left to the bottom right. The Cboe logo consists of a stylized 'C' with a green diamond shape inside, followed by 'boe' in white lowercase letters. Below the logo, the words 'Global Markets' are written in white. The main text block is in white, with 'leading provider' in bold. The website 'Cboe.com' is highlighted in green. The bottom of the image has a dark blue footer with white text.

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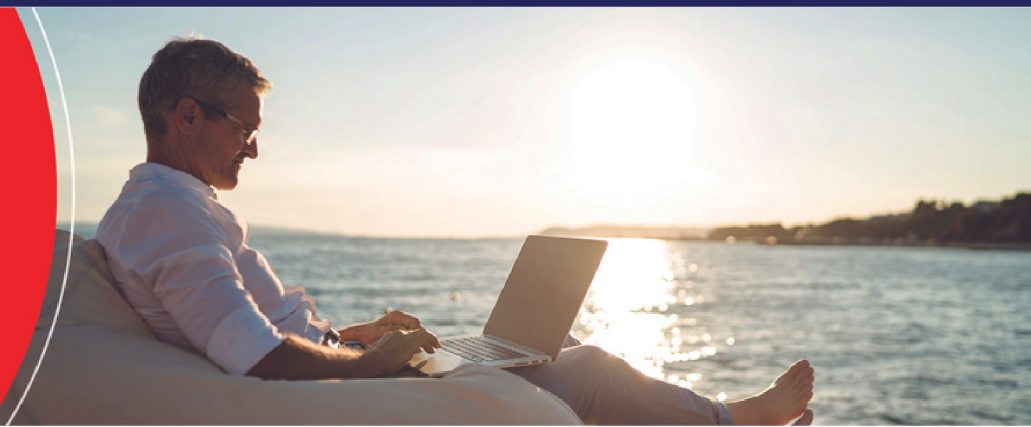
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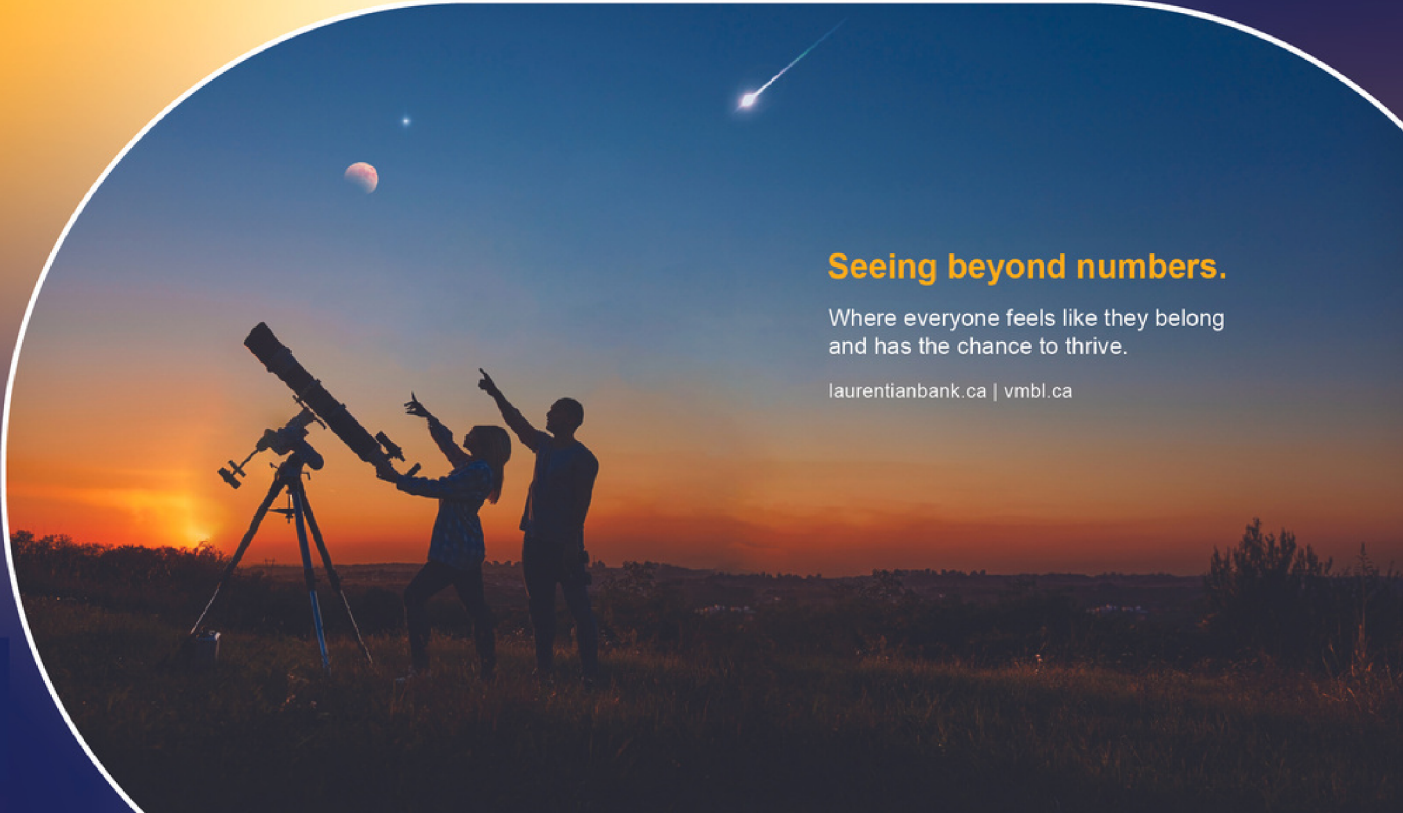
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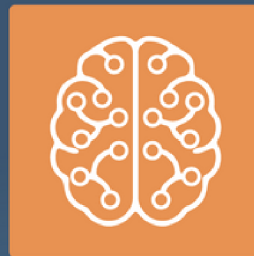
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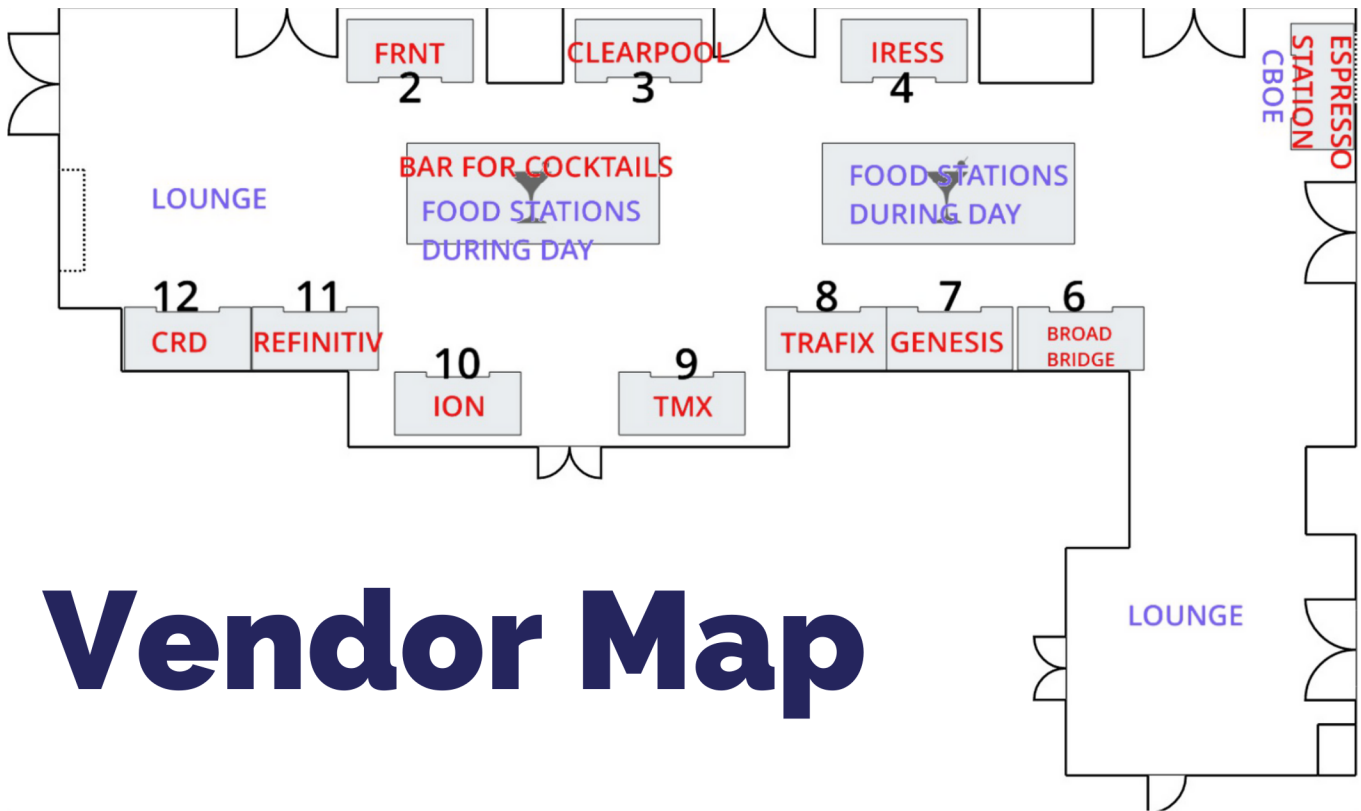
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