

# FINTECH WEEK 2018

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## FINTECH WEEK 2018

**NOVEMBER 5-8, 2018**

Georgetown Law, IMF Headquarters, Capitol Hill  
Washington, DC

### PRESENTED BY

Georgetown University Law Center, Institute of International Economic Law  
The International Monetary Fund  
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**INSTITUTE OF INTERNATIONAL  
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Dear all,

Welcome to Fintech Week!

As policymakers, venture capitalists and technologists can attest, advances in financial technology are disrupting market and regulatory ecosystems in ways unimaginable a generation ago. These developments offer the prospect of enormous opportunities and challenges, and require serious, thoughtful forums in which ideas and views across the private and public sectors can be exchanged.

Fintech Week was inaugurated last year with the purpose of providing just such a global forum, several months after the initial launch of the OCC's fintech charter here at the Institute. This week, during our unique, multidisciplinary sessions with many of the world's top fintech experts, panelists will be asked to continue the conversation and demystify cutting edge technologies, and to engage one another as to what those changes mean from the standpoints of both policy and market practice—all in a manner understandable to laymen. Meanwhile, heads of key regulatory agencies will offer their perspectives and insight as to recent and upcoming developments.

In doing so, the conference seeks to democratize the availability of critical information about financial technology, and to broaden the public's understanding of issues that are transforming the global economy. All of this requires a group effort, and we at the Institute of International Economic Law have benefited enormously from the help of our co-hosts, the International Monetary Fund and the Institute for Financial Markets, as well as our sponsors including Amazon, Davis Polk LLP, the NEX Group, Thomson Reuters, the Chamber of Digital Commerce and Willkie Farr LLP.

More events are scheduled, and if you would like to support next year's Fintech Week—or our other IIEL regulatory programming—please let us know.

We do hope you enjoy the program.

Chris Brummer, J.D., Ph.D.  
Founder, Fintech Week  
Founder, [fintechpolicy.org](http://fintechpolicy.org)

Agnes N. Williams Research Professor of Law  
Faculty Director, Institute of International Economic Law  
Georgetown Law

# HOSTS

## Georgetown University Law Center, Institute of International Economic Law

The Institute of International Economic Law (IIEL) is the focal point for the study of international economic law at Georgetown Law and one of the leading centers for international economic law and policy in the world.

IIEL provides a fulcrum point for legal and policy discussions in international trade, international financial regulation, international monetary affairs, transnational business and international tax.

Founded in 1999 by the late University Professor John H. Jackson, and now directed by Agnes N. Williams Research Professor of Law Chris Brummer, the IIEL's objective is to facilitate thoughtful and scholarly research and teaching, convene stakeholder meetings and conferences bringing together public and private sector leaders, and offer Executive Education on a broad range of subjects that concern the law of international economic activity. Originally focused on trade, the Institute's portfolio has grown to include leading capabilities and international renown in a range of areas including investment and arbitration, financial regulation, tax, business and monetary law. The Institute actively approaches these fields as interrelated and at times overlapping policy spheres that impact how law is devised, practiced and enforced.

Housed at Georgetown Law, with the largest array of courses in international economic law in the country, IIEL offers students, faculty, alumni and friends the opportunity to routinely interact with top scholars, policymakers, law firms, and think tanks. As part of a top research university, IIEL strives to make available unparalleled opportunities for learning and study based on its location in the heart of Washington DC, and longstanding connections with international institutions and organizations like the IMF, European Union, World Bank, WTO, IFC, and U.S. regulatory agencies and foreign embassies.

The Institute routinely hosts colloquia, conferences and events with leading scholars and policymakers, and regularly invites faculty from other universities, distinguished practitioners from the private and public sectors, opinion-leaders and high level regulators and policymakers to participate in the life of the Institute. IIEL also enables visiting scholars and students at Georgetown Law to engage more deeply with contemporary issues in international economic law.

IIEL, Georgetown Law  
600 New Jersey Avenue, NW  
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## The International Monetary Fund

The International Monetary Fund (IMF) is an organization of 189 countries, working to foster global monetary cooperation, secure financial stability, facilitate international trade, promote high employment and sustainable economic growth, and reduce poverty around the world.

The IMF's primary purpose is to ensure the stability of the international monetary system—the system of exchange rates and international payments that enables countries (and their citizens) to transact with each other. The Fund's mandate was updated in 2012 to include all macroeconomic and financial sector issues that bear on global stability.

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Established in 1989, the Institute for Financial Markets (IFM) seeks to increase public awareness and understanding of the importance of financial markets and the financial service industry to the global economy through education and research. We focus our attention and activities primarily on derivatives and the vital markets for instruments like futures, options and swaps. These derivatives markets help to support a vibrant economy and help individuals, institutions, producers, companies and governments understand how markets function and how to improve the management of credit risks. Recently, the IFM announced a partnership with other contributing organizations to fund an education website called Futures Fundamentals. This one-stop resource provides risk management education to learners at all levels.

As a non-partisan, 501(c)3 nonprofit foundation, the IFM serves in a unique position of educating industry professionals and investors, as well as other stakeholders of financial market information, such as public policymakers, regulators, educators and the media. While these other stakeholders may not trade, nor directly service the needs of financial market participants, they still have a keen interest in the markets and play an important role in shaping legislation, policies and practices, and informing others about the markets.

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## CRYPTO ASSETS, PART 1

### Coffee & Registration | 8:15–9:00 A.M.

### Crypto-Law (Re)Thinking the Nomenclature and Taxonomy | 9:00–10:00 A.M.

Regulating crypto assets requires precise terminology in order to fully understand the opportunities and challenges and solutions posed by them. But key terms, from “decentralization” to “utility token” to “exchanges” remain imprecise. This session works to develop working principles.

#### FLASH PRESENTATION: DEFINING DECENTRALIZATION

- **Angela C. Walch**, Associate Professor, St. Mary's University School of Law

#### MODERATOR

- **Priya R. Aiyar**, Partner, Willkie Farr & Gallagher LLP & former Acting General Counsel, U.S. Department of the Treasury

#### PANELISTS

- **Alex Acree**, Co-Founder, Managing Director and General Counsel, Fenway Summer Ventures
- **Maria Adamjee**, Chief Executive Officer, Megalodon Capital
- **Jeff Bandman**, Founder & Principal, Bandman Advisors
- **Angela C. Walch**, Associate Professor, St. Mary's University School of Law

### Fireside Chat | 10:00–10:30 A.M.

- **William Hinman**, Director, Division of Corporate Finance, U.S. Securities and Exchange Commission

### Crypto Assets: New Developments | 10:45–11:45 A.M.

The crypto asset sector has been transformed by a variety of developments that are designed to support, improve or transform even first-generation cryptographic infrastructures and services. In this panel, we provide an overview of some of the most important.

#### MODERATOR

- **Ross B. Leckow**, Deputy General Counsel, Legal Department, International Monetary Fund

#### PANELISTS

- **Desiree Dickerson**, Head of Operations, Lightning Labs
- **Josh Swihart**, Vice President, Marketing and Business Development, Zcash Company
- **Peter Van Valkenburgh**, Research Director, Coin Center
- **Ryan Zagone**, Director of Regulatory Relations, Ripple

## **Evolving Crypto Use Cases** | 12:00–1:15 P.M.

Crypto assets are being used for more than just fundraises and investments. In this session, we will examine the evolution of crypto assets as instruments for capital management, liquidity, payments and bridge facilities.

### FLASH PRESENTATION: TOWARDS A STABLE TOKENIZED MEDIUM OF EXCHANGE

- **Alexander Lipton**, Co-Founder and Chief Technical Officer, SilaMoney

### MODERATOR

- **Dong He**, Deputy Director, Capital Markets, International Monetary Fund

### PANELISTS

- **Isabelle Corbett**, Head of Regulatory Affairs and Partnerships, R3
- **Gabriel I. Hidalgo**, Managing Director, K2 Intelligence
- **Jameson Lopp**, Infrastructure Engineer, Casa and Creator, Statoshi
- **Patrick Murck**, Special Counsel, Cooley LLP
- **Tim Swanson**, Director of Research, Post Oak Labs

## **Lunch** | 1:15–1:45 P.M.

## **Fireside Chat** | 1:45–2:30 P.M.

- **Sheila C. Bair**, Former Chairman, U.S. Federal Deposit Insurance Corporation

## **Emerging Blockchain and Crypto Asset Financial Infrastructures** | 2:30–3:30 P.M.

Neither crypto assets nor underlying blockchain infrastructures have reached mainstream finance due to a number of technological and regulatory concerns and hurdles, as well as incumbent support systems. This panel examines the status and development of the sector, from custodial challenges to institutional trading environments.

### MODERATOR

- **Jai R. Massari**, Partner, Davis Polk & Wardwell LLP

### PANELISTS

- **Gilles Gade**, President & Chief Executive Officer, Cross River Bank
- **Rob Palatnick**, Managing Director & Chief Technology Architect, Depository Trust & Clearing Corporation
- **Nirup Ramalingam**, Chief Operating Officer, NEX SEF
- **Chris White**, Chief Executive Officer, ViableMkts

## **Fireside Chat** | 3:45–4:30 P.M.

- **Craig S. Phillips**, Counselor to the Secretary, U.S. Department of the Treasury

## **Cocktail Conversation and Networking: Private and Public Rulemaking for Fintech Policy** | 4:45–6:30 P.M.

- **Perianne Boring**, Founder & President, Chamber of Digital Commerce

# CRYPTO ASSETS, PART 2

## Coffee & Registration | 8:15–9:00 A.M.

## Crypto-Economics | 9:00–10:15 A.M.

Whether (and if so, how) crypto assets redefine canonical economic principles and expectations is a matter of intense debate. This panel explores the issue, as well as its implications for associated questions of utility, scalability, and transactional efficiency for capital markets.

### MODERATOR

- **Diego Zuluaga**, Policy Analyst, Center for Monetary and Financial Alternatives, Cato Institute

### PANELISTS

- **Brian Brooks**, Chief Legal Officer, Coinbase
- **Nic Carter**, Founder, Coinmetrics
- **Gina C. Pieters**, Research Fellow, Cambridge Centre for Alternative Finance, University of Cambridge & Lecturer, Economics Department, University of Chicago
- **Alessandra Shultz**, Business Development, Gemini

## Emerging Financial Risks and Legal Issues in Crypto Assets | 10:30–11:45 A.M.

It is well understood that crypto assets present significant challenges for banking and securities regulators. In this session, we examine the difficulty of mapping regulatory frameworks to these risks—and the strategies regulators employ to do so.

### FLASH PRESENTATION: WHAT SHOULD BE DISCLOSED IN AN ICO?

- **Chris Brummer**, Agnes N. Williams Research Professor, Georgetown Law & Faculty Director, Institute of International Economic Law and Founder, Fintech Week
- **Trevor I. Kiviat**, Associate, Davis Polk & Wardwell LLP

### FLASH PRESENTATION: BLOCKCHAIN SYSTEMS AND RISK MANAGEMENT INFRASTRUCTURES

- **Petal P. Walker**, Special Counsel, Wilmer Hale

### MODERATOR

- **Aditya Narain**, Deputy Director, Monetary and Capital Markets Department, International Monetary Fund

### PANELISTS

- **Kristin Boggiano**, Chief Legal Officer, AlphaPoint
- **Moad Fahmi**, Senior Advisor - Fintech, Bermuda Monetary Authority
- **Robert J. Jackson Jr.**, Commissioner, U.S. Securities and Exchange Commission
- **Peter Kerstens**, Advisor on Financial Technology and Cybersecurity to the Director General FISMA and Co-Chair of European Commission Fintech Taskforce, European Commission



## Crypto Assets and Monetary Policy Transmission | 12:00–1:15 P.M.

Crypto assets present unique policy opportunities and challenges for banking and monetary officials. Perhaps none is more apparent than that facing monetary policy. Nonetheless, some central banks are exploring means of not only cultivating the industry, but also creating their own crypto assets. This panel explores the policy implications and economic repercussions.

### MODERATOR

- **Vikram Haksar**, Assistant Director, Strategy Policy and Review Department, International Monetary Fund

### PANELISTS

- **Mohammad Davoodalhosseini**, Senior Economist, Bank of Canada
- **Joseph Noss**, Seconded, Financial Stability Board
- **Francisco Rivadeneira**, Research Advisor, Bank of Canada
- **Maria Soledad (Sole) Martinez Peria**, Chief, Macro-Financial Division, Research Department, International Monetary Fund

## Lunch and Keynote | 1:30-2:45 P.M.

- **Bryan Stirewalt**, Chief Executive, Dubai Financial Services Authority

## Crypto Assets and Economic Development | 2:45-3:45 P.M.

The deployment of crypto assets as a means of fostering economic development has been an area of increasing interest among many financial authorities, especially in emerging markets. This panel investigates the feasibility and risks of such strategies in stress-scenarios and various regions of the world.

### MODERATOR

- **Abebe Aemro Selassie**, Director, African Department, International Monetary Fund

### PANELISTS

- **Uché Ewelukwa**, Professor, School of Law, University of Arkansas
- **Gerardo Hernández Correa**, Member of the Board of Directors, Banco de la República, Colombia
- **Alfonso García Mora**, Director, Finance, Competitiveness & Innovation Global Practice, The World Bank Group
- **Nat Robinson**, Chief Executive Officer, Leaf Global Fintech

## Fireside Chat | 3:45–4:30 P.M.

- **David Lipton**, First Deputy Managing Director, International Monetary Fund

### INTERVIEWER

- **Anna Gelpern**, Professor of Law & Faculty Member, Institute of International Economic Law, Georgetown Law; Non-Resident Senior Fellow, Peter G. Peterson Institute for International Economics

## Cocktail Conversation and Networking: Taxing Crypto Assets | 4:45 – 6:30 P.M.

- **Itai Grinberg**, Professor of Law & Faculty Member, Institute of International Economic Law, Georgetown Law

# UNDERSTANDING AND FINANCING INNOVATION

**Coffee & Registration** | 8:30–9:15 A.M.

**Fireside Chat** | 9:15–10:00 A.M.

- **Joseph M. Otting**, Comptroller of the Currency, U.S. Department of the Treasury

**Alternative Data, Fintech Analytics and Financial Inclusion** | 10:15–11:15 A.M.

Fintech offers the potential for expanding financial access and the opportunities for underserved consumers, savers, entrepreneurs and even investors. But it can also create barriers to inclusion where faulty data or even discriminatory practices are programmed into autonomous systems. This panel explores the attendant risks and opportunities, as well as regulatory trends in the sector.

#### MODERATOR

- **Peter F. Borish**, Chief Strategist, Quad Group & Trustee, The Institute for Financial Markets

#### PANELISTS

- **Paul DeSaulniers**, Senior Director Risk Scoring & Collections Consumer Information Services, Experian
- **Makada Henry-Nickie**, David M. Rubenstein Fellow-Governance Studies, Race, Prosperity and Inclusion Initiative, Brookings Institution
- **Linda Jeng**, Chief of Staff, Risk, Surveillance & Data, Federal Reserve Board; Basel Committee Fintech Group
- **Sam Taussig**, Head of Global Policy, Kabbage
- **John Walsh**, Innovation Manager, Thomson Reuters

**The Future of Exchanges and Digital Marketplaces** | 11:30 A.M.–12:30 P.M.

The electrification and digitization of exchanges continues to enable profound changes in the services and products they offer. New marketplaces, trading techniques and digital products are emerging, along with novel applications of artificial intelligence and machine learning. This panel explores recent cutting-edge developments, as well as the novel technical and policy issues they raise.

#### MODERATOR

- **Conrad G. Bahlke**, Counsel, Asset Management Group, Willkie Farr & Gallagher LLP

#### PANELISTS

- **Robert Bench**, Head Regulatory Counsel & Chief Compliance Officer, Circle Internet Financial Ltd.
- **Bruce Fekrat**, Executive Director & Associate General Counsel, CME Group
- **Tony Sio**, Head of Marketplace & Regulator Surveillance Technology, Nasdaq
- **Juan Suarez**, Vice President, Legal, Coinbase

## Keynote | 12:30–1:15 P.M.

- **J. Christopher Giancarlo**, Chairman, U.S. Commodity Futures Trading Commission

## Lunch | 1:15 P.M.–1:45 P.M.

## Fintech Company Valuations: Past, Present and Future | 2:00–3:15 P.M.

Valuing fintech companies has proven notoriously difficult over the last several decades. However, investors are refining their tools and methods with which they perform their analysis. On this panel, experts share their insight as to fintech company valuations of the past, and as well as future trends in the industry.

### MODERATOR

- **Rich Kerschner**, Co-Chair, Advisory Board, Institute of International Economic Law, Georgetown Law & Senior Advisor, Elixirr

### PANELISTS

- **William Eisenbeis**, Managing Director, SARORAS Private Capital
- **Richard Herr**, Managing Director, Investment Banking Group, Sandler O'Neill + Partners, L.P.
- **Robert Le**, Senior Technology Analyst, Emerging Technology, PitchBook
- **Sean Lippel**, Director, FinTech Collective

## Fintechs and the Small Business Marketplace | 3:30–4:00 P.M.

- **Pradeep Belur**, Chief of Staff & Chief Operating Officer, U.S. Small Business Administration

## Fintech Sharktank | 4:15–5:30 P.M.

With Georgetown University's McDonough School of Business

### COMPANIES

- **Blake Carpenter**, **Andrew Cavazos**, **Sabrina Freire** and **Michelle Santuoso**, MBA Candidates, Georgetown University, McDonough School of Business, Blockchain Accounting (DLT solution for the accounting market)
- **Sophia Grami**, Chief Executive Officer & Co-Founder, Synswap (blockchain-driven post-trade services for OTC derivatives)
- **Harco van den Oever**, Founder and CEO, Overstone Art Services (risk assessment tool for the physical art market)
- **Chris White**, Founder and CEO, BondCliQ (corporate bond market pricing and data)

### PANELISTS

- **Martina F. Aufiero**, PE/VC Investor, formerly with Goldman Sachs & Safeguard Scientifics
- **Rich Kerschner**, Co-Chair, Advisory Board, Institute of International Economic Law, Georgetown Law & Senior Advisor, Elixirr
- **Yvonne Wang**, Head of Technology Strategy, Stealth Fintech

# SMART REGULATION

## Fintech Week on the Hill

### Coffee & Registration | 8:15–9:00 A.M.

### How to Build a Regulatory Sandbox | 9:00–10:15 A.M.

Regulatory sandboxes are increasingly discussed as a possible tool in assisting officials to foster technological innovation in a safe and responsible manner, while staying true to their mandates. Just what this means in American context remains, however, a subject of debate. This panel will explore policy options concerning regulatory innovation, and their attendant risks, opportunities and tradeoffs.

#### MODERATOR

- **Arthur W. Hahn**, Counsel and Global Co-chair, Financial Services Practice, Katten Muchin Rosenman LLP & Trustee, The Institute for Financial Markets

#### PANELISTS

- **Daniel Gorfine**, LabCFTC Director and Chief Innovation Officer, U.S. Commodity Futures Trading Commission
- **Kavita Jain**, Director, Office of Emerging Regulatory Issues, Financial Industry Regulatory Authority
- **Brian Knight**, Director, Innovation and Governance Program, Mercatus Center, George Mason University
- **Margaret C. Liu**, Senior Vice President, Legislative and Deputy General Counsel, Conference of State Bank Supervisors

### Making or Taking Innovation?

### Regulatory Competition and the Race for Fintech Dominance | 10:30–11:45 A.M.

Intense competition for technological innovation is informing not only business strategies for participants in financial markets, but also regulatory policy in jurisdictions seeking to raise their profile as fintech hubs. Whether or not such jostling for technologists and entrepreneurs will result in a race to the “top” or “bottom”— is yet to be decided. This panel will examine the phenomenon and discuss the national, cross-border and global implications.

#### MODERATOR

- **Gary DeWaal**, Special Counsel, Katten Muchin Rosenman LLP & Vice Chairman, The Institute for Financial Markets

#### PANELISTS

- **Douglas Arner**, Kerry Holdings Professor in Law, The University of Hong Kong
- **Hon. Albert Isola**, Minister for Commerce, Gibraltar
- **Peter Kerstens**, Advisor on Financial Technology and Cybersecurity to the Director General FISMA and Co-Chair of European Commission Fintech Taskforce, European Commission
- **Nydia Remolina León**, Legal Advisor for Innovation, Digital Transformation and Policy Affairs, Grupo Bancolombia
- **Sharon Yang**, Acting Deputy Assistant Secretary for International Financial Markets, U.S. Department of the Treasury

## Security and Resiliency in the Cloud | 12:00–1:15 P.M.

Financial institutions are increasingly leveraging cloud technology in the hopes of better serving and protecting their customers. But unlike traditional outsourcing in the financial sector, many cloud services are standardized and provided globally, even as domestic authorities maintain local oversight. This panel will explore the implications of fragmented oversight for security and resiliency in the cloud.

### MODERATOR

- **Clay Lowery**, Managing Director, Rock Creek Global Advisors

### PANELISTS

- **Jonah Crane**, Executive Director, RegTech Lab and former Deputy Assistant Secretary, U.S. Department of the Treasury
- **W. Moses Kim**, Director, Office of Financial Institutions Policy, U.S. Department of the Treasury
- **Rahul Prabhakar**, Head of Regulatory Compliance for Financial Services, Security Assurance, Amazon Web Services

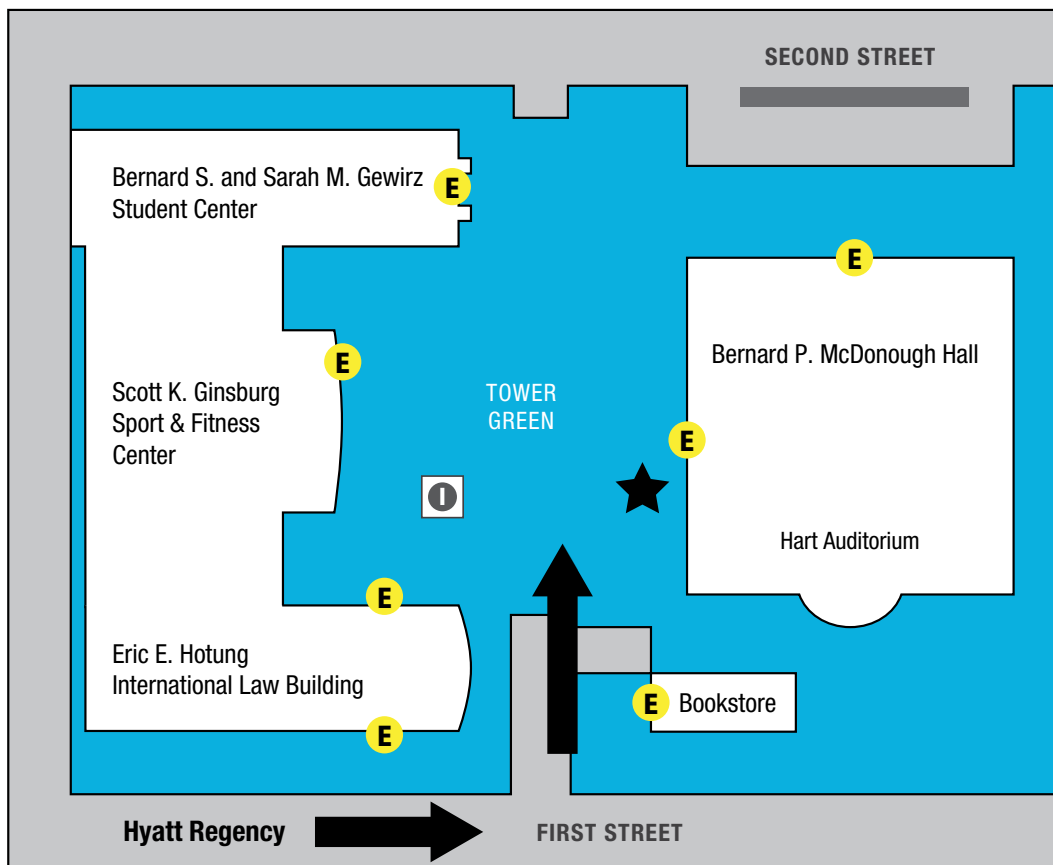
### GEORGETOWN MAP

DAY 1  
MONDAY

DAY 3  
WEDNESDAY

#### LEGEND

- Entrance
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# SPEAKER BIOS



## Alex Acree

Co-Founder, Managing Director and General Counsel, Fenway Summer Ventures

Alex Acree is Managing Director and General Counsel of Fenway Summer Ventures, a venture capital firm backing entrepreneurs tackling important challenges at the intersection of finance, technology, and policy. At Fenway Summer he invests in and advises emerging growth companies from across the financial services industry.

Prior to joining Fenway Summer, Acree was an attorney at a major international law firm, where he advised financial institutions on a wide range of legal and regulatory matters in connection with business combinations, reorganizations, and capital markets transactions, Dodd-Frank Act implementation, corporate governance, and compliance issues. Acree also regularly advised sponsors in connection with the formation and management of private investment funds. Earlier in his career, he held a series of senior positions at emerging growth companies.

Acree is a graduate of Boston College and holds a JD from Yale Law School and an MBA from Yale School of Management.



## Maria Adamjee

Chief Executive Officer, Megalodon Capital

Maria Adamjee is a Founding Partner at Megalodon Capital – an Advisory Group focused on Digital Transformation, Business Strategy and Product Innovation. Adamjee has been involved in designing and “productizing” a number of market leading fintech applications in capital markets for more than 10 years. These include some of the first algorithmic and analytical trading tools, as well as helping to innovate Fidessa’s Futures & Options O/EMS Platform.

Adamjee is a recognized thought-leader in financial regulation, market structure, and technology. She provides advisory services at the cross section of all three streams and is on the advisory board of a number of companies working to disrupt financial services through #Alternative Data, #DigitalAssets, #MachineLearning, #Autonomous.

After a successful career in traditional markets with roles at RBC, Merrill Lynch, Goldman Sachs, ITG and Fidessa, #Alternative Data launched Megalodon Capital to help Start-ups, Tech firms, Hedge Funds, Venture Groups and Private Equity investors develop business strategies that challenge traditional markets.



## Priya R. Aiyar

Partner, Willkie Farr & Gallagher LLP

Priya Aiyar is a partner in the Litigation and Global Trade and Investment groups at Willkie Farr & Gallagher, with experience spanning the financial services, technology, energy, and communications sectors. She represents financial industry clients in a range of regulatory, compliance, and enforcement matters, as well as litigation and internal investigations.

Aiyar is a frequent speaker on financial regulation, economic sanctions, foreign investment, and trade, among other topics. Prior to joining Willkie, she was the Acting General Counsel of the U.S. Treasury Department, where she advised the Secretary and other senior Department officials on issues related to domestic finance, international economic affairs, tax policy, terrorism finance, and financial crimes enforcement. She began her legal career as a clerk to the Honorable Stephen Breyer of the U.S. Supreme Court and the Honorable Merrick Garland of the U.S. Court of Appeals for the DC Circuit.

Aiyar received her JD from Yale Law School, an MA from the University of Oxford, and a BA from Harvard College.



## Douglas W. Arner

Kerry Holdings Professor in Law, The University of Hong Kong

Douglas Arner is the Kerry Holdings Professor in Law at the University of Hong Kong and one of the world’s leading experts on financial regulation, particularly the intersection between law, finance and technology. He is Faculty Director of the Faculty of Law’s LLM in Compliance and Regulation and LLM in Corporate and Financial Law, a member of the Hong Kong Financial Services Development Council, an Executive Committee Member of the Asia Pacific Structured Finance Association, and a Senior Visiting Fellow of Melbourne Law School, University of Melbourne. Arner led the development of Asia’s first massive open online course (MOOC): Introduction to Fintech, launched on edX in May 2018 and which now has over 30,000 registered from every country in the world.

During his career, Arner served as Head of the HKU Department of Law; the Co-Director of the Duke University-HKU Asia-America Institute in Transnational Law; and the Director of HKU’s Asian Institute of International Financial Law, which he co-founded. He also led a major research project on Hong Kong’s future as a leading international financial center.

Arner has served as a consultant with international financial institutions and organizations. He has been a visiting professor or fellow at Duke University, Harvard College, Hong Kong Institute for Monetary Research, IDC Herzliya, McGill, Melbourne, National University of Singapore, University of New South Wales, Shanghai University of Finance and Economics, and Zurich, among others. He has published more than 15 books and more than 120 articles, chapters and reports on international financial law and regulation. His recent papers are available on SSRN, where he is among the top 300 authors in the world by total downloads.



## Martina F. Aufiero

PE/VC Investor

Martina (Tina) Aufiero has nearly 20 years of experience in financial services / financial technology as a venture capitalist, private equity investor and acquirer. Most recently, Aufiero was Managing Director and head of the Fintech vertical at Safeguard Scientifics, Inc. (NYSE:SFE), a growth-capital provider to technology-driven businesses in healthcare, financial services and digital media. She is a Board Member for Safeguard’s fintech partner

companies T-REX, Inc. and Transactis, Inc., and is an Advisor for Ben Franklin Technology Partners/Village Capital's fintech accelerator and Mentor to the Barclays Fintech Accelerator. She was named to Institutional Investors' Fintech Finance 40 in 2017.

Prior to joining Safeguard, Aufiero served as Managing Director and Head of Corporate Development for Tradeweb, a leading New York-based financial technology firm, where she led several key acquisitions and inorganic growth initiatives. Previously, Aufiero served as Vice President of Principal Strategic Investing at Goldman Sachs (NYSE:GS), where she led numerous investments in the financial technology sector as part of a \$1.0 billion portfolio. Aufiero held positions on the Boards of Directors for APX Inc., the Green Exchange LLC, Medley Global Advisors LLC and LiquidityMatch LLC and as a board alternate on FXAll Inc. Her experience as a board member includes Audit Committee Chair and leadership roles on the Compensations and Investment Committees, as well as holding a corporate officer position for a consortium of 11 global banks. Prior to Goldman Sachs, she was Director of Mergers & Acquisitions working with One Equity Partners to drive growth in the OEP-backed company Moneyline Telerate. Previously, she was a Manager in the strategy consulting practice of Andersen Consulting.

Aufiero's connection with early-stage investing began during her graduate study program when she worked at idealab, now the longest running technology incubator, where she worked with a fintech start up that was later acquired by Envestnet (NYSE:ENV), a now \$2.2B market-cap company that provides unified wealth management technology and services to financial advisors and institutions.

She earned a BS in Economics from The Wharton School of the University of Pennsylvania and an MBA from the UCLA Anderson School of Management. Aufiero is a Certified Public Accountant and holds Series 7 and 63 securities licenses.



### **Conrad G. Bahlke**

**Counsel, Asset Management Group, Willkie Farr & Gallagher LLP**

Conrad Bahlke is counsel in Willkie Farr & Gallagher's Asset Management Group, focusing on derivative transactions, commodities regulation and banking

regulation. He represents banks, corporations, governmental organizations, investment funds (including private equity funds, hedge funds and mutual funds), sovereign nations, central banks, pension plans and individuals in structuring and entering into a broad variety of derivative instruments and commodity transactions, including credit, equity, commodity, energy, weather, interest rate and currency derivatives.

Bahlke also advises on related financial services regulatory matters. He represents clients before banking and commodities regulatory agencies, self-regulatory organizations, exchanges and clearinghouses with respect to acquisitions, regulatory audit, registration, risk management and compliance matters. He also has advised on litigation and mediated disputes related to derivatives, and has represented clients on significant derivatives-related matters in bankruptcy.

Bahlke further advises clients on a wide variety of matters raised by the Dodd-Frank Act and related commodities, securities and banking regulations,

and by evolving financial technology including distributed ledger technology. He has held prior positions with the Federal Reserve Board and with the Division of Economic Analysis and Planning of the Chicago Board of Trade. He is a frequent speaker and writer on derivatives, commodities and banking topics.

Bahlke received his JD from the University of Chicago Law School and his MBA from the University of Chicago Booth School of Business.



### **Sheila C. Bair**

**Former Chairman, U.S. Federal Deposit Insurance Corporation**

Sheila Bair has a long and distinguished career in finance and banking that spans both the public and private sectors. She served a five year term as the 19th

Chairman of the U.S. Federal Deposit Insurance Corporation (FDIC) from 2006 to 2011. During her time as Chair, Bair was widely credited for her role in steering the institution, and the government, through the 2008 financial crisis.

Prior to joining the FDIC, Bair was the Dean's Professor of Financial Regulatory Policy for the Isenberg School of Management at the University of Massachusetts-Amherst. She has also held positions as Assistant Secretary for Financial Institutions at the U.S. Department of the Treasury, Senior Vice President for Government Relations of the New York Stock Exchange, Commissioner and Acting Chairman of the U.S. Commodity Futures Trading Commission, and Research Director, Deputy Counsel and Counsel to Senate Majority Leader Robert Dole.

Bair earned a BA from Kansas University and a JD from Kansas University School of Law, as well as, honorary doctorates from Amherst College and Drexel University. She was named one of TIME magazine's most influential people, has topped The Wall Street Journal's annual 50 "Women to Watch List," and was ranked by Forbes as the second most powerful woman in the world behind German chancellor Angela Merkel for two consecutive years. She is also a monthly columnist for Yahoo Finance.



### **Jeff Bandman**

**Founder & Principal, Bandman Advisors**

Jeff Bandman is Founder and Principal of Bandman Advisors, an advisory practice helping clients ranging from start-ups to global firms meet strategic innovation and regulatory challenges to find new business

opportunities. He also is a Lecturer in Global Affairs at Yale, teaching crypto assets and public policy in the Yale Jackson Institute for Global Affairs in fall 2018. He serves on the Board of Advisors of Templum Inc. and iComply Investor Services. He is a co-founder of the Global Digital Finance Initiative (GDF.io) to establish an industry-driven global code of conduct and taxonomy for crypto assets. He acts as fintech regulation mentor for the Techstars Barclays Fintech Accelerator program. Bandman also is a research fellow of the Blockchain for Algorithmic Regulation and Compliance (BARAC) initiative at University College London's Centre for Blockchain Technologies.



# SPEAKER BIOS

Previously, Bandman was a senior official at the U.S. Commodity Futures Trading Commission (CFTC) from 2014 to 2017. As Fintech Advisor to Chairman Giancarlo, he was founding director and architect of LabCFTC. He established and chaired the CFTC blockchain, virtual currencies and Fintech working group from inception in 2015 and led Fintech and RegTech coordination with global regulators. He previously led the CFTC's Division of Clearing and Risk, and led the negotiations resulting in "clearinghouse equivalence" with the European Commission. Bandman joined the CFTC as Special Counsel to Chairman Massad, and also led the CFTC's Office of International Affairs. He previously had a successful career in law and the financial industry in New York and London.

Bandman received his JD at Stanford Law School, with honors as a member of the "Order of the Coif." He graduated from Yale, *magna cum laude*, with honors in History and English. In addition, he is a five-time Jeopardy! Champion and spent his winnings backpacking around Africa, Asia and Europe.



## Pradeep Belur

**Chief of Staff & Chief Operating Officer, U.S. Small Business Administration**

Pradeep Belur serves as Chief of Staff to the Administrator of the U.S. Small Business Administration (SBA). Prior to joining the SBA, Belur has held executive

and consulting positions with several Fortune 500 companies and served as a trusted advisor to their senior management.

A strategist and thought leader, Belur brings very strong planning and execution capabilities and plays a key role in enabling the vision, mission and values of the Administrator. In this role, in addition to his day-to-day responsibilities of managing the staff and ensuring things get done, Belur is tasked with driving transformational change across the organization leveraging the latest technologies and business practices to position SBA for the future.

Belur possesses extensive experience across small and large businesses in strategic planning, finance, operations, IT and general management. He holds advanced degrees in engineering and business, including an MBA from the Wharton School of Business at the University of Pennsylvania.



## Robert Bench

**Head Regulatory Counsel & Chief Compliance Officer, Circle Internet Financial Ltd.**

Robert Bench is the Head Regulatory Counsel and Chief Compliance Officer of Circle. He is a veteran of the Office of the Comptroller of the Currency and the U.S. foreign

banking regulatory community, leading regulatory transformation efforts at PwC's Regulatory Advisory Practice and Santander. He joined Circle in 2017.



## Kristin Boggiano

**Chief Legal Officer, AlphaPoint**

Kristin Boggiano is AlphaPoint's Chief Legal Officer and serves on its executive committee. Prior to AlphaPoint, she was a Managing Director with Guggenheim Partners,

where she advised on asset management, broker-dealer and insurance issues. Previous to Guggenheim, Boggiano was a Special Counsel at Schulte Roth & Zabel where she structured complex products, launched private businesses and provided regulatory advice. Prior to Schulte, Boggiano worked at Merrill Lynch on the derivatives desk, beginning her career with stints at the Commodity Futures Trading Commission (CFTC) and the U.S. Securities and Exchange Commission (SEC). Boggiano has advised entities in overall legal and regulatory strategy and governance and with operational, regulatory and risk management procedures and programs. She regularly lectures at universities, trade organizations, and other forums as well as contributes articles on a variety of financial and regulatory law topics.

Boggiano earned her law degree and MBA from Northeastern University and her BA from Sarah Lawrence College. She also is the President and founder of Women in Derivatives, Inc. (WIND), a global non-profit with more than 6,000 members and a mission to educate and develop women leaders.



## Perianne Boring

**Founder & President, Chamber of Digital Commerce**

Perianne Boring founded the Chamber of Digital Commerce, building it into the world's largest trade association representing the blockchain industry. Boring was named among CoinDesk's, "10 Most Influential

People in Blockchain 2016" and "Top Woman in Bitcoin 2015" for her public policy accomplishments. An avid public speaker, she has presented at leading industry events including the Consumer Electronic Show (CES), Money 20/20, South by Southwest (SXSW) and many others. She also contributes to Forbes through her column, The Beauty of the Blockchain. Prior to forming the Chamber, Boring was a television anchor of an international finance program that aired in more than 100 countries to over 650 million viewers.

Boring began her career as a legislative analyst in the U.S. House of Representatives, advising on finance, economics, tax and healthcare policy. She holds her BA in Business Administration and Economics from the University of Florida.



## Peter F. Borish

**Chief Strategist, Quad Group**

Peter Borish is Chief Strategist of the Quad Group and its affiliated companies. In his role, Borish is highly engaged in recruiting new talent for Quad and working with the firm's founding partners on business strategy.

He is instrumental in helping traders develop a methodology to enhance their performance by serving as a trading coach. He also is the Chairman, and CEO of Computer Trading Corporation (CTC), and is an investor and member of the Board of Directors of Charitybuzz, a for-profit that raises funds for nonprofit organizations through an online auction platform of one-of-a-kind experiences and intimate access to celebrities.

Borish formerly worked at the Federal Reserve Bank of New York and was a staff member of the Presidential Task Force on Market Mechanisms (Brady Commission) to study the stock market decline of October 1987. He was



a founding partner at Tudor Investment Corporation, served as Chairman of OneChicago, LLC, and also served as a Special Advisor to the Board of Directors of the Chicago Board of Trade.

He earned his MA in Public Policy from the Gerald R. Ford School of Public Policy, as well as, a BA in Economics from the University of Michigan. Borish served as a Board Member of the Futures Industry Association (FIA). In addition, he was a founding board member of both the Robin Hood Foundation and Math for America, where he continues to serve. Borish has been a Trustee for The Institute for Financial Markets since 1991 and also served as Chairman for several years.



### **Brian P. Brooks**

**Chief Legal Officer, Coinbase**

Brian Brooks is Chief Legal Officer of Coinbase, an \$8 billion Silicon Valley startup that is one of the largest digital currency platforms in the world. At Coinbase, he is responsible for the company's legal, compliance, internal

audit, government relations, and global intelligence groups. Brooks is deeply involved in the financial technology sector, serving as a member of the board of directors of Avant Inc., a major marketplace lending and technology platform company; a founding advisor of Spring Labs, a blockchain-enabled digital credit bureau; and a Series A investor in FlyHomes, an Andreessen Horowitz-backed online real estate brokerage.

Brooks joined Coinbase in September 2018 from Fannie Mae, where he served as Executive Vice President, General Counsel and Corporate Secretary. Fannie Mae, ranked 20th on the 2017 Fortune 500, is the largest financial institution in the United States as measured by its assets of \$3.2 trillion. He previously served as Vice Chairman of OneWest Bank, where he worked closely with future U.S. Treasury Secretary Steven Mnuchin and future Comptroller of the Currency Joseph Otting. He was also a member of the board of directors and the executive committee of the California Bankers Association.

Brooks began his career as an attorney at O'Melveny & Myers LLP, where he served as chair of the firm's financial services practice group, managing partner of the firm's Washington, DC office, and a member of the firm's 12-person board of directors. He received his JD with honors from the University of Chicago Law School and a BA, *cum laude*, from Harvard University.



### **Chris Brummer**

**Agnes N. Williams Research Professor, Georgetown Law & Faculty Director, Institute of International Economic Law**

Chris Brummer is the Agnes N. Williams Research Professor and Faculty Director of Georgetown's Institute

of International Economic Law. He is also the founder of Fintech Week and fintechpolicy.org.

Brummer earned his JD with honors from Columbia Law School and holds a PhD from the University of Chicago. Before becoming a professor, he practiced law in the New York and London offices of Cravath, Swaine &

Moore LLP. He also has served as a Senior Fellow at the Milken Institute and was awarded the C. Boyden Gray Fellowship for Global Finance and Growth at the Atlantic Council, where he launched the think tank's Transatlantic Finance Initiative.

Brummer advises U.S. and international policymakers in a number of capacities. He concluded a three-year term as a member of the National Adjudicatory Council of FINRA, where his work was praised as making a significant contribution to advancing investor protection. He was also nominated by President Obama in 2016 and 2017 to serve as a Commissioner on the Commodity Futures Trading Commission. Brummer additionally provides analysis for multilateral institutions, participates in global regulatory forums, and has testified before U.S. and EU legislative bodies.



### **Blake Carpenter**

**Founder, Coinmetrics**

Blake Carpenter is a licensed Certified Public Accountant in the District of Columbia and the Commonwealth of Virginia and a Manager in the Public Sector Assurance practice at Grant Thornton, LLP. He has spent the past

six years auditing federal, municipal, and commercial organizations. Prior to joining Grant Thornton, he worked in the finance function for two not-for-profit organizations, helping to report the entities' financial information to the public.

Carpenter became interested in blockchains and digital currencies in 2014, and he has focused his research on their impact on accounting, audit, and government services. He has authored articles and conducted a number of trainings to help educate government employees and contractors on blockchain technology and its implications for the public sector.

Carpenter graduated from the University of Iowa with a Bachelor of Business Administration in Accounting and a Bachelor of Arts in International Studies. He is presently an MBA candidate at Georgetown University's McDonough School of Business. He lives with his wife in Springfield, Virginia, and the couple recently celebrated the birth of their first child.



### **Nic Carter**

**Co-Founder, Coinmetrics**

Nic Carter is a partner at Castle Island Ventures and the cofounder of blockchain data aggregator Coinmetrics.io. Before joining Castle Island, Carter worked for Fidelity as their first crypto asset analyst, where he devised

research perspectives on public blockchains. He has written extensively about token holder rights, crypto asset governance models, and public blockchains as political institutions.

Carter holds an MA in Finance and Investment from the University of Edinburgh and an undergraduate degree in Philosophy from the University of St. Andrews.

# SPEAKER BIOS



## Andrew Cavazos

### Co-Founder, Blockchain Accounting

Andrew Cavazos is an Assistant Congressional Liaison at the Board of Governors of the Federal Reserve System. In this capacity, he engages with Members of the Board, senior staff, and policy experts to develop

communication, policy, and legislative strategies. He also assists in the nominations process. Prior to his service at the Board, Cavazos worked on Capitol Hill for U.S. House Majority Whip Steve Scalise (R-LA). While in the U.S. House, Cavazos focused on financial services policy.

Cavazos is a graduate of Louisiana State University, with a Bachelor's Degree in English and Minors in History and Political Science. He is married with two children and resides in Columbia, Maryland.



## Isabelle Corbett

### Head of Regulatory Affairs and Public Partnerships, R3

Isabelle Corbett is the Head of Regulatory Affairs and Public Partnerships at R3, the premier enterprise software firm driving the development of distributed ledger and blockchain solutions for use across the

financial services industry. As part of R3's leading global regulatory affairs strategy, she meets with regulators, central banks, and policy makers around the world. She also focuses on selling Corda into the public sector.

Immediately prior to joining R3, she was an attorney at Cadwalader Wickersham & Taft where her practice focused on derivatives, counseling clients in a variety of regulatory, enforcement, and transactional matters. Prior, Corbett worked at a consulting firm focused on securities and derivatives.

Corbett received her JD from American University's Washington College of Law, *cum laude*, and her BA in International Studies from the Johns Hopkins University.



## Jonah Crane

### Executive Director, RegTech Lab

Jonah Crane is a strategic advisor to financial technology startups, helping them stay ahead of regulatory change as they scale. Crane is also Regulator in Residence at the Fintech Innovation Lab in New York, and Executive

Director of RegTech Lab in Washington, DC, which offers global advisory services for regulators, policy makers, financial services companies, and technology solution providers.

Until January 2017, Crane served as Deputy Assistant Secretary and Senior Advisor at the U.S. Treasury Department, and prior to that as a policy advisor to Senator Chuck Schumer. Prior to joining Senator Schumer's staff, Crane was a corporate attorney focusing on mergers and acquisitions at Milbank, Tweed, Hadley & McCloy LLP in New York.

Crane received a JD from New York University School of Law.



## Mohammad Davoodalhosseini

### Senior Economist, Funds Management & Banking, Bank of Canada

Currently a Senior Economist at the Bank of Canada, Mohammad Davoodalhosseini joined the Bank after he received his PhD in Economics from the Pennsylvania

State University in 2015. Prior to that, Davoodalhosseini received his BS in Electrical Engineering and MS in Economics from Sharif University of Technology in 2007 and 2009, respectively.

Davoodalhosseini's research interests are monetary economics and search theory. He is also interested in the role of information asymmetries in markets with search frictions, with applications to inter-bank, labor and over-the-counter markets. Furthermore, he studies new developments in the field of electronic money and payments. He explores how introducing central bank digital currency (CBDC) can affect the implementation and transmission of monetary policy as well as the efficiency and stability of financial systems. Particularly, he has studied the optimal monetary policy in the presence of CBDC, and has quantified welfare gains from introducing CBDC into the Canadian and U.S. economies.



## Paul DeSaulniers

### Senior Director, Alternative Data, Scoring & Collections Consumer Information Services, Experian

As Senior Director of Alternative Data Scoring & Collections at Experian, Paul DeSaulniers is responsible for leading Experian's Alternative Data initiatives, all Risk

Scoring businesses, Experian's Trended Data solutions as well as Collections products. He focuses on utilizing data assets to solve clients' challenges and developing specific strategies to effectively integrate scoring and data into clients' decisioning systems.

Before joining Experian in 2011, DeSaulniers served as Director of Credit Risk Decisioning at LexisNexis. He has 20 years of experience working in the financial services industry where he has successfully led several business units at Ascend One and Think Finance.

DeSaulniers has a dual degree with an MBA and MS in Finance from Goldey-Beacom College. He obtained his BA in Economics from Towson University. He is also a veteran of the U.S. Army Special Operations.



## Gary A. DeWaal

### Special Counsel, Katten Muchin Rosenman LLP

Gary DeWaal focuses his practice on financial services regulatory matters. He counsels clients on the application of evolving regulatory requirements to existing businesses and structuring more effective compliance

programs, as well as, assists in defending and resolving regulatory disciplinary actions and enforcement matters. Recently, DeWaal was named a Cryptocurrency, Blockchain and Fintech Trailblazer by The National Law Journal, which recognized his work for LedgerX, the first federally licensed execution facility and derivatives clearing organization that could settle derivatives trades in bitcoin. He also has blazed a trail in educating

investment banks, hedge funds and regulators on cryptocurrency, and was cited as an authority in the CabbageTech case, where a federal judge upheld the ruling that virtual currencies are commodities.

Previously, DeWaal was a senior managing director and group general counsel for Newedge, where he oversaw the worldwide Legal, Compliance, Financial Crimes Prevention (including AML) and Regulatory Developments departments. He also worked for the U.S. Commodity Futures Trading Commission's Division of Enforcement in New York.

DeWaal is frequently quoted in the media for his thoughts on the international financial services industry and has published numerous articles on futures and securities industry issues. He regularly lectures or appears as a speaker at financial industry conferences and in training sessions for international regulators and has taught courses at the Brooklyn Law School and the State University of New York Buffalo Law School. DeWaal is the sole author and publisher of Bridging the Week, a blog addressing issues in the financial services industry. He also serves as Vice-Chairman of The Institute for Financial Markets and has served as a Trustee since 2013.

DeWaal earned his JD at The State University of New York Buffalo Law School, an MBA from The State University of New York at Buffalo, with honors, and a BA from The State University of New York at Stony Brook, with high honors.



### **Desiree Dickerson**

**Head of Operations, Lightning Labs**

Desiree Dickerson is Head of Operations at Lightning Labs, which is building an open protocol layer that leverages the power of blockchains and smart contracts to make cheap, fast, private transactions available

to anyone around the world. She recently served as blockchain fellow at the non-profit Women for Women International, exploring the potential of cryptocurrency and blockchain applications for women in marginalized, post-conflict areas.

Dickerson is a former management consultant, previously specializing in strategy and operations for large-scale IT enterprises. She received her MA in Biophysics & Physiology from Georgetown University and a BA in Biological Sciences from the University of Chicago



### **William Eisenbeis**

**Managing Director, SARORAS Private Capital**

Will Eisenbeis joined SARORAS as a Managing Director in 2018. For the last 18 years, he has focused on investments in financial technology and services.

Prior to joining SARORAS in 2018, Eisenbeis was an Operating Partner at Welsh, Carson, Anderson & Stowe (WCAS). Before WCAS, he led the Principal Strategic Investments group at Citadel LLC, where he was responsible for identifying, negotiating, and executing principal investments. Eisenbeis also served as Global Head of Business Development for Merrill Lynch's institutional businesses, where he was responsible for identifying, negotiating, and executing principal and strategic investment opportunities on behalf of Merrill Lynch.

Eisenbeis received his MBA from Columbia Business School in New York City, and a BS from Georgetown University.



### **Uché Ewelukwa Ofofile**

**E. J. Ball Professor of Law, School of Law, University of Arkansas School of Law**

Uché Ewelukwa is a Professor of Law and Affiliate Faculty Member at the J. William Fulbright College of Arts and Sciences, University of Arkansas (African and African American Studies). She previously held the Arkansas Bar Foundation Professorship. Her teaching and research are in the areas of international trade and investment law, intellectual property law, food and agricultural law, and global governance.

Ewelukwa has consulted for many international organizations and has served as visiting professor/guest lecturer at numerous universities around the world including Columbia University, the University of Oklahoma Law Center, DePaul University College of Law, University of Puerto Rico School of Law, Tufts University, the University of Armenia Faculty of Law, and the Nigerian Institute of Advanced Legal Studies. She also is an active member of the American Bar Association Section of International Law and has served the organization in numerous leadership positions including as Co-Chair of the International Investment and Development Committee and Co-Chair of the Committee on Corporate Social Responsibility. She has also served as the Secretary-General of the African Society of International Law.

Ewelukwa is the recipient of numerous fellowships and awards and her scholarship includes work published in the *Michigan Journal of International Law*, *Minnesota Journal of International Law*, *Transnational Dispute Management*, *Vanderbilt Journal of Transnational Law*, *Yale Human Rights and Development Law Journal*, *University of Miami Law Review*, among others. She is currently writing two books: one on China-Africa economic relations (Oxford University Press) and another on the intersection of business and human rights in Africa (Routledge).

Ewelukwa obtained her Doctor of Juridical Science degree (SJD) and her Master of Laws degree (LLM) from Harvard Law School, another LLM degree in International Business Law from the University College London, and her LLB from the University of Nigeria, Nsukka.



### **Moad Fahmi**

**Senior Advisor - Fintech, Bermuda Monetary Authority**

Moad Fahmi, CFA, FIA, is Senior Advisor-Fintech, for the Bermuda Monetary Authority, responsible for the supervision of digital-asset businesses under the Digital Asset Business Act 2018. The Bermuda Monetary

Authority is one of the few jurisdictions with a robust regulatory framework that was specially designed to appropriately address the unique risks arising from digital-asset business.

Fahmi has held numerous regulatory and financial services positions in his career, most recently as the director, fintech and innovation, at the Autorité des Marchés Financiers (AMF), the financial services regulator in Quebec, Canada. At the AMF, he was instrumental in the deployment of their fintech strategy, which included the development of a laboratory and sandbox that

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worked directly with fintech firms. He also collaborated with fellow AMF supervisors to develop regulatory positions on pressing fintech issues and led a fintech training program that was delivered to over 250 employees. Before joining AMF, Fahmi held senior manager positions at the Laurentian Bank of Canada and Business Development Bank of Canada, respectively.



## **Bruce Fekrat**

**Executive Director & Associate General Counsel, CME Group**

Bruce Fekrat is an Executive Director and Associate General Counsel at the CME Group. Fekrat works closely with the CME's product development teams to offer new and support currently listed contracts and cleared-only products globally. Prior to joining the CME, Fekrat was a derivatives attorney at WilmerHale and also served in the Office of the Director, Division of Market Oversight at the U.S. Commodity Futures Trading Commission for eight years.



## **Sabrina Freire**

**Co-Founder, Blockchain Accounting**

Sabrina Freire began her professional career as an Interior Architect in Rio de Janeiro, Brazil. She dedicated the early years of her career to two prestigious firms, having collected valuable project management and client relationship skills. After 6 years of firm experience, Freire decided to open her own interior architecture firm, where she had a first-hand look at the inner workings of running a business. This experience not only enhanced her business acumen but also lured Freire to new ventures outside of architecture. Soon after this, Freire decided to move out of architecture and joined the American School of Rio de Janeiro as its Admissions Director, a key role in projecting the school's value, culture and marketing strategies.

Freire graduated from the Rhode Island School of Design with a Bachelor's Degree in Interior Architecture and Bachelor's Degree in Fine Arts. She is currently pursuing her MBA from Georgetown University. Freire is married with two children and living in Arlington, Virginia.



## **Gilles Gade**

**President & Chief Executive Officer, Cross River Bank**

Gilles Gade is Founder, President and Chief Executive Officer of Cross River, having served as Chairman for the company since its inception in 2008. Gade's vision is steering Cross River as an innovation-driven, state-chartered bank and provider of trusted financial solutions, to the marketplace lending and next-generation payment processing arenas.

In 1990, Gade began his career at Citicorp Venture Capital. Later he served as Chief Financial Officer of First Meridian Mortgage, and was Co-Founder and Managing Director of Chela Technology Partners. In addition, he was a Technology Investment Banker at Barclays Capital, and a FIG Investment Banker at Bear Stearns.

Gade graduated from the MBA Institute IMIP (Groupe IPESUP) in Paris, with an MSc in International Management.



## **Alfonso Garcia Mora**

**Director, Finance, Competitiveness and Innovation Global Practice, The World Bank Group**

Alfonso Garcia is the Director for the Finance, Competitiveness and Innovation (FCI) Global Practice with direct responsibility for Latin America and the Caribbean (LAC) and Europe and Central Asia (ECA) regions, financial stability and integrity, and long term finance global teams. Currently, he represents the World Bank in different committees of the Financial Stability Board (FSB).

In April 2016, Garcia became Director for the Finance and Markets Global Practice at the World Bank Group (WBG), having previously served as a Practice Manager for Latin America and the Caribbean. At WBG he has led various projects in Latin America, East Asia and the Pacific, the Middle East and Eastern Europe advising governments, supervisors and regulators on projects related to financial sector development, access to finance, banking crisis and resolution, capital markets and financial regulation. Alfonso has participated in a number of Financial Sector Assessment Programs (FSAP) as mission chief and specialist.

Garcia joined the World Bank in January 2013 as a lead financial sector specialist in the Finance and Private Sector Development Vice Presidency. Prior to that time, he had a successful career in the private sector at Analistas Financieros Internacionales Consulting Group, where he held the position of Partner and Managing Director from 2007 to 2012.

Garcia holds a PhD in Economics from Universidad Autonoma de Madrid, an MA in Finance from the Catholic University of Leuven, and also has served as a visiting PhD student at Boston University. He has lectured and published extensively on banking and financial sector issues.



## **Anna Gelpern**

**Professor of Law & Faculty Member, Institute of International Economic Law, Georgetown Law; Non-Resident Senior Fellow, Peter G. Peterson Institute for International Economics**

Anna Gelpern is a Professor of Law at Georgetown, an Institute of International Economic Law faculty member and a nonresident senior fellow at the Peter G. Peterson Institute for International Economics. She has published research on government debt, contracts, and regulation of financial institutions and markets. Gelpern has co-authored a law textbook on International Finance, and has contributed to international initiatives on financial reform and government debt.



## **J. Christopher Giancarlo**

**Chairman, U.S. Commodity Futures Trading Commission**

J. Christopher "Chris" Giancarlo was unanimously confirmed to serve as Chairman of the U.S. Commodity Futures Trading Commission (CFTC) by the U.S. Senate on August 3, 2017. Prior to becoming Chairman, Giancarlo was designated Acting Chairman on January 20, 2017 and was nominated by President Trump to serve as the Chairman on March 14, 2017 to a term that expires in



April 2019. Giancarlo had served as a CFTC Commissioner since his swearing in on June 16, 2014, after unanimous consent by the U.S. Senate on June 3, 2014. He was nominated by President Obama on August 1, 2013.

Before entering public service, Giancarlo served as the Executive Vice President of GFI Group Inc., a financial services firm. Prior to joining GFI, Giancarlo was Executive Vice President and U.S. Legal Counsel of Fenics Software and was a corporate partner in the New York law firm of Brown Raysman Millstein Felder & Steiner. Giancarlo joined Brown Raysman from Giancarlo & Gleiberman, a law practice founded by Giancarlo in 1992 following his return from several years in London with the international law firm of Curtis, Mallet-Prevost, Colt & Mosle.

Giancarlo was also a founding Co-Editor-in-Chief of eSecurities, Trading and Regulation on the Internet (Leader Publications). In addition, Giancarlo has testified three times before Congress regarding the implementation of the Dodd-Frank Act, and has written and spoken extensively on public policy, legal and other matters involving technology and the financial markets.

Giancarlo was born in Jersey City, New Jersey. He attended Skidmore College in Saratoga Springs, New York where he graduated Phi Beta Kappa with Government Department Honors. Giancarlo received his law degree from the Vanderbilt University School of Law where he was an associate research editor at the Vanderbilt Journal of Transnational Law and President of the Law School's International Law Society. Giancarlo has been a member of the Bar of the State of New York since 1985.



### **Daniel Gorfine**

**LabCFTC Director and Chief Innovation Officer, U.S. Commodity Futures Trading Commission**

Daniel Gorfine is Chief Innovation Officer and Director, LabCFTC at the U.S. Commodity Futures Trading Commission (CFTC). LabCFTC is dedicated to facilitating

market-enhancing innovation, informing policy, and ensuring that we have the technological and regulatory tools and understanding to keep pace with changes to our markets. Gorfine also is an Adjunct Professor at Georgetown Law where he teaches a course on Fintech Law & Policy.

Gorfine was most recently Vice President, External Affairs & Associate General Counsel at OnDeck, and previously served as Director of Financial Markets Policy and Legal Counsel at the Milken Institute, a think tank, where he focused on technology-driven financial innovation, capital access, and financial market policy.

Earlier in his career, Gorfine worked at the international law firm Covington & Burling LLP and served a clerkship with U.S. District Court Judge Catherine C. Blake in the District of Maryland. A graduate of Brown University (AB), Gorfine holds a JD from George Washington University Law School and an MA from the Paul H. Nitze School for Advanced International Studies (SAIS) at Johns Hopkins University.



### **Sophia Grami**

**Chief Executive Officer and Co-Founder, Synswap**

Sophia Grami is the Chief Executive Officer and Co-Founder of Synswap, a blockchain-driven application processing OTC derivatives. Her career spans derivatives and structured products. Following a first experience at

BNP Paribas in Paris, Grami joined the cross-asset solution sales team at Société Générale in London. Grami holds an MSc in Finance from EM Lyon Business School.



### **Itai Grinberg**

**Professor of Law & Faculty Member, Institute of International Economic Law, Georgetown Law**

Professor Itai Grinberg's research interests center on cross-border taxation, taxation and development, and U.S. tax policy. He joined the faculty from the Office of

International Tax Counsel at the U.S. Department of the Treasury. At Treasury, Grinberg represented the United States on tax matters in multilateral settings, negotiated tax treaties with foreign sovereigns, had responsibility for a wide-ranging group of cross-border tax regulations, and was involved in international tax legislative developments. Prior to joining Treasury, he practiced tax law at Skadden, Arps, Slate, Meagher & Flom LLP, where he focused on a wide range of international tax controversy and planning matters. In 2005, Grinberg served as Counsel to the President's Advisory Panel on Federal Tax Reform, where he advised a bipartisan presidential commission that made sweeping proposals to restructure the U.S. tax code.

Grinberg earned his BA from Amherst College and his JD from Yale Law School. Prior to law school, he worked as a development consultant in Central America and helped establish a consulting firm focused on creating greater prosperity in developing countries through good business strategy. He is a term member of the Council on Foreign Relations.



### **Arthur W. Hahn**

**Counsel and Global Co-Chair, Financial Services Practice, Katten Muchin Rosenman LLP**

Hahn is Global Co-Chair of Katten's Financial Services practice and a member of the law firm's Board of Directors. He represents major international banks

and brokerage firms, international equity and commodity exchanges, and clearinghouses and technology companies in connection with their regulatory, business and litigation needs.

An experienced counselor to financial institutions, Hahn represents his clients' interests whether he is interfacing with exchanges, supervising regulatory compliance, advising on principal trading and sales practices issues, or overseeing litigation and enforcement matters. He provides valued guidance on business structuring and strategy, trading rules, technology initiatives, cross-border U.S. Securities and Exchange Commission (SEC) and U.S. Commodity Futures Trading Commission (CFTC) licenses, and international insolvency issues. He is regularly involved in enforcement matters and securities litigation and is a certified mediator, focusing on resolving financial

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instruments and markets disputes. In addition, Hahn counsels companies regarding capital formation and mergers and acquisitions as well as legal issues involving high-frequency trading. He is a sought-after lecturer and author on subjects relating to all facets of financial services.

Hahn received his JD at Northwestern University School of Law, and his BA from Miami University and The London School of Economics and Political Science. He has served as a Trustee of The Institute for Financial Markets since 1989.



### **Vikram Haksar**

**Assistant Director, Strategy Policy and Review Department, International Monetary Fund**

Vikram Haksar is an Assistant Director in the IMF's Strategy Policy and Review department. In this role, he currently leads work on finance and technology, macro-financial analysis, and policies for assessing and addressing financial stability risk. He has been a lead author of the IMF's two main papers on fintech: "Virtual Currencies and Beyond," and "Fintech and Financial Services." He is a co-lead of both the IMF's interdepartmental group on Fintech and that on Cyber-security. Prior to this, he managed review work on global surveillance, G20 prospects, and spillover analysis. Haksar was earlier the IMF's mission chief for Brazil during the "currency wars" and lead the IMF team on Mexico that set up the \$70 billion Flexible Credit Line agreement with Mexico in 2009 in the aftermath of the Lehman failure. He worked earlier on emerging economies in Asia—including Thailand during the Asian crisis—and Eastern Europe and was the Fund's resident representative in the Philippines. Haksar received his PhD from Cornell University.



### **Dong He**

**Deputy Director, Capital Markets, International Monetary Fund**

Dong He is Deputy Director of the Monetary and Capital Markets Department (MCM) of the International Monetary Fund (IMF). Prior to joining the IMF in October 2014, he was Executive Director at the Hong Kong Monetary Authority, responsible for managing the Research Department and for directing research and policy advice on issues relating to the maintenance of monetary and financial stability and the development of financial markets. He was also Director of the Hong Kong Institute for Monetary Research, responsible for leading the Institute's research activities. He joined the World Bank through the Young Professionals Program in 1993 and was a staff member of the IMF from 1998 to 2004.

He holds a Doctorate Degree in Economics from the University of Cambridge and has published extensively on monetary policy and financial market issues. His current research interests include the transmission of global liquidity, interactions between monetary policy and financial regulation, the implications of fintech for central banking, monetary and financial cooperation in the Asia-Pacific region, the framework and conduct of monetary and financial stability policies in China, and the Chinese approach to capital account liberalization and renminbi internationalization.



### **Makada Henry-Nickie**

**David M. Rubenstein Fellow-Governance Studies, Race, Prosperity and Inclusion Initiative, Brookings Institution**

Makada Henry-Nickie is a David M. Rubenstein fellow in Governance Studies at the Brookings Institution.

Throughout her career her research has examined ways to expand equitable access to responsible credit and she has recommended policies that advance inclusive economic opportunities for disadvantaged families and low-income communities. As such, she is part of Brookings' Race, Place, and Inclusion Initiative, which currently focuses on improving the economic mobility prospects for young men of color, and bringing marginalized poor and low-income communities back into the economic mainstream.

Prior to joining Brookings, Henry-Nickie was a senior analyst with Consumer Financial Protection Bureau (CFPB), where she advised on consumer financial protection and fair lending issues arising in financial institution regulation, enforcement matters, and rulemakings. Before CFPB, she worked as an economist with Brimmer & Company, where she consulted and advised on a cross-section of public policy issues including employment growth, taxation, and general economic policies. Henry-Nickie previously held senior positions in nonprofit organizations where she worked to develop innovative programs and raise capital to support affordable housing for teen mothers involved in the foster care system and expand access to capital for small businesses and affordable housing developers in the Washington, DC metropolitan area.

She holds a PhD in Urban Economics and an MA in Monetary and Fiscal Policy from Howard University. Henry-Nickie earned a BA in Economics from Hunter College—City University of New York.



### **Gerardo Hernández Correa**

**Member of the Board of Directors, Banco de la República – Colombia**

Gerardo Hernández is a Member of the Board of Directors of Banco de la República. Previously, he served as Financial Superintendent of Colombia from 2010

until 2017, and as Secretary of the Board of Directors and Deputy Executive Governor from 1994 to 2010.

During his distinguished career, he served in numerous high-profile positions including the Deputy Minister of Labor and Social Security; Head of the Business Development Unit of DNP; and Advisor to the Executive Director for Colombia and Peru before the Inter-American Development Bank and the Inter-American Investment Corporation in Washington, DC. During his time at the Ministry of Finance and Public Credit, he acted as General Administrative Director; Deputy Director of Public Credit; Advisor to the Deputy Minister of Finance; and Counsel in the Legal Department of the General Directorate of Public Credit.

During his tenure as the Financial Superintendent, Hernández served as Co-Director of the Regional Consultative Group for the Americas of the Fund of the Financial Stability Board (FSB - RCGA). He served as a member of the Central American Council of Supervisors; a member of the Board of Directors

of the Association of Banking Supervisors of the Americas (ASBA); Chairman of the Board of Governors of the Inter-American Institute of Human Values, and was the representative for Colombia to IOSCO, ASSAL, IAIS, among other international entities.

Hernández has taught in the fields of Central Banking and Currency Legislation at Colegio Mayor de Nuestra Señora del Rosario and Pontificia Universidad Javeriana. He received his law degree from Universidad de Los Andes, and a Certificate in Administrative Law at Colegio Mayor de Nuestra Señora del Rosario. He also studied economics at the New School for Social Research in New York, and pursued central banking studies at the International Monetary Fund.



### **Richard Herr**

**Managing Director, Investment Banking Group, Sandler O'Neill + Partners, L.P**

Richard Herr is a Managing Director in the Investment Banking Group of Sandler O'Neill + Partners, L.P. He provides strategic advice to clients across the deals

spectrum and specializes in the brokerage and trading, market structure and financial technology sectors.

Prior to joining Sandler O'Neill, Herr was Managing Director and Head of Business Development at Knight Capital Group. In this role, he partnered with senior management to lead the analysis and execution of all organic and inorganic growth initiatives at the firm. Prior to his tenure with Knight Capital Group, Herr served as Senior Vice President, Strategic and Business Development at Investment Technology Group, Inc. where he was responsible for evaluating strategic partnership and acquisition opportunities.

Herr began his career in equity research, with his most recent role being Senior Vice President, Head of Securities Brokerage, Exchange and Trade Execution Research at Keefe Bruyette & Woods. In 2006, he was named Best on the Street by The Wall Street Journal and the #1 Stock Picker by Forbes/StarMine for the Capital Markets sector.

Herr received a BA in Economics from Fordham University.



### **Gabriel I. Hidalgo**

**Managing Director, K2 Intelligence**

Gabriel "Gabe" Hidalgo, a Managing Director at K2 Intelligence, has 20 years of legal, regulatory compliance, and Anti-Money Laundering (AML) experience working with wholesale and retail banks, fintech companies,

broker/dealers, and money services business entities. Hidalgo is a recognized subject-matter expert in the cryptocurrency and digital assets market and is able to help clients navigate and mitigate Bank Secrecy Act and Anti-Money Laundering (BSA/AML) compliance risks as they strive to keep up with the latest developments occurring within the new value-transfer digital asset marketplace, establish new banking relationships, and satisfy regulatory requirements domestically and internationally. Hidalgo also works with Fintech companies to establish dynamic and comprehensive compliance programs that incorporate the essential elements for sound oversight—effective governance and management controls, clear and practical policies

and procedures, efficient transaction monitoring and sanction screening systems, comprehensive training, and sound quality assurance controls.

Prior to joining K2 Intelligence, Hidalgo served as Chief Compliance Officer for Noble Bank International, an innovative bank providing transactional settlements for various asset classes including cryptocurrency, FX, energy, and precious metals. He has also served as Senior Vice President/Chief Compliance Officer for Community Federal Savings Bank (CFSB), where he led the team charged with formulating compliance solutions for fintech payment products, as well as had compliance oversight over CFSB's retail, merchant services and payments, and mortgage banking lines of business. Before joining CFSB, he served as Senior Vice President/Head of Global and U.S. Compliance for itBit, the first U.S.-regulated virtual currency financial institution able to accept customers nationwide. Additionally, he held senior legal and compliance roles with HSBC, the Federal Reserve Bank of New York, Morgan Stanley, Capital One Bank, and Deloitte. While at the Federal Reserve, Hidalgo trained regulators from the Federal Reserve System, NCUA, FDIC, SEC, and state regulatory agencies on AML compliance examination techniques.

Hidalgo received his JD from the University of Dayton School of Law and his BA from Marist College.

He is admitted to practice law in New York, is a Certified Anti-Money Laundering Specialist (CAMS), and fluent in Spanish.



### **William H. Hinman**

**Director, Division of Corporate Finance, U.S. Securities and Exchange Commission**

William Hinman was named Director of the Division of Corporation Finance in May 2017. The Division seeks

to ensure that investors are provided with material information in order to make informed investment decisions, provides interpretive assistance to companies with respect to U.S. Securities and Exchange Commission (SEC) rules, and makes recommendations to the Commission regarding new and existing rules.

Before serving at the Commission, Hinman was a partner in the Silicon Valley, California office of Simpson Thacher & Bartlett LLP, where he practiced in the corporate finance group. He has advised issuers and underwriters in capital raising transactions and corporate acquisitions in a wide range of industries, including technology, e-commerce, and the life-sciences. Prior to joining Simpson Thacher in 2000, he was the managing partner of Shearman & Sterling's San Francisco and Menlo Park offices.

Hinman received his JD in 1980 from Cornell University Law School, where he was a member of the Editorial Board of the Cornell Law Review, and a BA from Michigan State University with honors in 1977.

# SPEAKER BIOS



## **The Honorable Albert Isola**

### **Minister for Commerce, Gibraltar**

The Hon Albert Isola MP is Gibraltar's Minister for Commerce with the primary responsibility of raising Gibraltar's profile as an established onshore, mainstream, well-regulated financial services centre and its important online gaming sector. He was also instrumental in creating and delivering the world's first DLT Regulatory Framework in January 2018.

An experienced speaker, Isola has delivered keynote addresses at major financial services seminars and conferences in many countries. He is also responsible for financial services policy, product development, and responding to international initiatives such as international tax compliance. As such and supported by the Finance Centre Director and team, he works closely with the financial services regulator, the Financial Services Commission. Particularly noteworthy is his leading role in the establishment of the Gibraltar International Bank, a first for Gibraltar as a home-grown full-service credit institution dedicating itself to retail banking.

Isola also has Ministerial responsibility for the Online Gaming sector which has international repute as the world's premier online gaming jurisdiction. Working closely with the regulator and the industry, Isola is driving through the "Online Gaming review" which will see its legislative and regulatory framework reviewed and improved and to maintain its cutting-edge advantage.

Isola was appointed Minister for Commerce following a Government re-shuffle in October 2016. He has been a member of the GSLP/Liberal Administration since his by-election win for Gibraltar's governing parties, the GSLP/Liberal Alliance, on 4 July 2013. Isola had previously been a GSLP member of the Opposition in the then "House of Assembly" ("Parliament" under the new constitution) from 1996 to 2000. Prior to re-entering Parliament, Isola had been a Partner at a major Gibraltar international law firm from 1985 to 2013.

During his long legal career, Isola gained extensive experience in all aspects of property acquisition, development and financing, as well as financial services. He also regularly acted as an adviser to the Financial Services Commission.

Isola was educated at Stonyhurst College, Lancashire (1973 to 1980) and read Law at Kingston University (1980 to 1983).



## **Robert J. Jackson, Jr.**

### **Commissioner, U.S. Securities and Exchange Commission**

Robert J. Jackson Jr. was appointed to the U.S. Securities and Exchange Commission (SEC) and was sworn in on January 11, 2018. He has extensive

experience as a legal scholar, policy professional, and corporate lawyer and comes to the SEC from NYU School of Law, where he is a Professor of Law.

Previously, he was Professor of Law at Columbia Law School and Director of its Program on Corporate Law and Policy. Commissioner Jackson's academic work has focused on corporate governance and the use of advanced data

science techniques to improve transparency in securities markets. He was the founding director of Columbia Law School's Data Lab, which used cutting-edge technology to study the reliability of corporate disclosures. Jackson has written more than 20 articles in the nation's most prestigious legal and economics journals. His published work includes a study shining light on trading activity before the announcement of major corporate events, the first study of the effect of mandatory disclosure required by the JOBS Act on trading by individual investors, and the first comprehensive study of CEO pay in firms owned by private equity. In 2012, Columbia Law School students honored Jackson with the Willis L.M. Reese Prize for Excellence in Teaching. He has testified on his scholarship before the U.S. Senate, and his work was previously the subject of rulemaking commentary before federal agencies, including the Federal Reserve and the SEC.

Before joining the Columbia Law School faculty in 2010, Jackson served as a senior policy advisor at the U.S. Department of Treasury, working with Kenneth Feinberg, the Special Master for TARP Executive Compensation. In this role, he oversaw the development of policies designed to give shareholders a say on pay, improve the disclosure of executive bonuses, and encourage TARP recipients to more closely tie pay to performance. Earlier in his career, Jackson practiced law in the executive compensation department of Wachtell, Lipton, Rosen & Katz.

Jackson holds two Bachelor's Degrees from the University of Pennsylvania, an MBA in Finance from the Wharton School of Business, a Master's Degree from Harvard's Kennedy School of Government, and a JD from Harvard Law School. He was born in the Bronx, New York, and is a lifelong Yankees fan.



## **Kavita Jain**

### **Director, Office of Emerging Regulatory Issues, Financial Industry Regulatory Authority, Inc. (FINRA)**

Kavita Jain is a Director in the Office of Emerging Regulatory Issues within FINRA's Department of Risk and Strategy. In this role, she assists the Office in

identifying and analyzing new and emerging risks and trends related to the securities industry, and developing strategic responses to potential issues. Some examples of current areas of her work include Fintech, RegTech, and emerging technologies such as blockchain and artificial intelligence. During her tenure at FINRA (previously NASD), Jain has served in key positions in the Offices of Emerging Regulatory Issues, Finance and Strategic Planning.

Jain has an MBA from the University of Southern New Hampshire and a Certified Regulatory and Compliance Professional (CRCP) Certification from the FINRA Institute at Wharton.



## **Linda Jeng**

### **Chief of Staff, Risk, Surveillance & Data, Federal Reserve Board**

Linda Jeng is the Chief of Staff for Risk, Surveillance and Data at the Federal Reserve Board of Governors. She is the chair of a Basel Committee working group on open

banking and APIs. Previously, she was a Member of the Secretariat of the Financial Stability Board.



Jeng has extensive experience in regulatory issues from her work at the U.S. Senate, U.S. Department of the Treasury, Office of the Comptroller of the Currency, and the U.S. Securities and Exchange Commission. She also has international securities regulation knowledge from her work at Credit Agricole in Paris.

Jeng received her JD from the Columbia Law School, an MA in European Law from Université de Toulouse (France) and a BA from Duke University.



### **Richard Kerschner**

**Co-Chair, Advisory Board, Georgetown University, Institute of International Economic Law & Senior Advisor, Elixirr**

Rich Kerschner is the co-chair of the Georgetown University, Institute of International Economic Law

Advisory Board. He is an experienced senior executive, board member, and lawyer with expertise in growing and repositioning companies within rapidly evolving industries.

Kerschner is currently a Senior Advisor at Elixirr, a UK-based global consulting firm, where he partners with key clients to solve their full range of strategic growth challenges. He also selectively serves as a member of boards of directors and advisory boards.

Kerschner has held leadership roles (including CEO, General Counsel, and Chief Corporate Development Officer) within market-dominant as well as disruptive companies in the financial technology, trading venues, market utilities, futures exchanges, and mobile communications sectors.

His career highlights include leading a post-merger integration as the Interim-CEO of BrokerTec, the market-dominant U.S. Treasury trading platform; a leading executive team role in the governance and business transformation of CLS Bank International, the Systemically Important Financial Market Utility for the FX market; and a leading executive role in the transformation process of NYMEX, the world's largest commodity futures exchange (including governance changes, private equity sale process, IPO process, NYSE listing, and merger transaction with the CME Group). He has also led multiple transactions including acquisitions, strategic investments and partnerships, and has served on several fintech boards.

Kerschner has a JD from Georgetown Law and a BA from the University of Pennsylvania.



### **Peter Kerstens**

**Advisor, European Commission**

Peter Kerstens is Advisor on Financial Technology and Cybersecurity to the Director-General for Financial Stability, Financial Services and Capital Markets Union at the European Commission. He co-chairs the European

Commission's Taskforce on Fintech. He has extensive experience in EU policy and legislation covering financial services and single market policy and regulation, IT research, health and consumer protection and e-commerce.

From 2008 until 2013, Kerstens was Finance Counsellor at the EU Embassy in Washington, DC. Prior to that, he was a Member of the Private Offices

of Commissioners Charlie McCreevy and David Byrne. Before joining the European Commission, Peter advised major financial services companies on EU regulatory affairs. He is a Dutch national and holds a Master's Degree in European Affairs from the College of Europe in Bruges, Belgium, and a Master's Degree in Political Science from the University of Leuven, Belgium.



### **W. Moses Kim, CFA**

**Director, Office of Financial Institutions Policy, U.S. Department of the Treasury**

Moses Kim serves as Director of the Office of Financial Institutions Policy at the U.S. Treasury Department. In this role, he leads a team that advises senior Treasury

officials on a broad range of regulatory, legislative, and economic policies affecting financial institutions (e.g., banking organizations, broker-dealers) and the application of financial data and technologies. Kim also advises the Department on its Board responsibilities for the Securities Investment Protection Corporation and the Pension Benefit Guaranty Corporation. Prior to joining Treasury, he held various roles at Fannie Mae in the economics and market research, securitization, and financial planning units.

Kim has been a CFA charterholder since 2006. He received a degree in economics from The Wharton School and a degree in political science from the University of Pennsylvania.



### **Trevor I. Kiviat**

**Associate, Davis Polk & Wardwell LLP**

Trevor Kiviat is an associate in Davis Polk's Investment Management Group. His practice focuses on advising clients on the formation and operation of private investment funds, including private equity funds and

hedge funds. He also regularly provides regulatory and compliance advice to his clients.

In addition, Kiviat wrote the first widely read and cited academic paper distinguishing Bitcoin from blockchain technology. He advises clients on the novel strategic, operational and regulatory issues relating to digital currency-based businesses. He also has been cited in the media for his extensive knowledge of blockchain technology and has lectured on related topics at Duke University's law school and business school.

Kiviat earned his JD/LLM at Duke University School of Law, where he also served as Editor of the Duke Law Journal. He received a BS, *summa cum laude*, earning Renée Crown Honors from Syracuse University.



### **Brian Knight**

**Director, Innovation and Governance Program, Mercatus Center at George Mason University**

Brian Knight is a Senior Research Fellow and Director of the Innovation and Governance Program at the Mercatus Center at George Mason University. His research

focuses on numerous aspects of financial regulation, including the creation of pro-innovation regulatory environments, the role of federalism in fintech

## SPEAKER BIOS

regulation, the use of digital assets for financial transactions, the role of regulation for credit markets and consumer protection, and the provision of capital to businesses.

Prior to joining Mercatus, Knight worked for the Milken Institute, where he headed up the Fintech and Capital Access programs. He has experience working for a broker-dealer with a focus on the emerging online private-placement market and was the co-founder of CrowdCheck, a company providing due-diligence and disclosure services to companies and intermediaries engaged in online private offerings.

Knight received his JD from the University of Virginia and a BA from the College of William and Mary.



### **Robert Le**

**Senior Technology Analyst, Emerging Technology, PitchBook**

Robert Le is a Senior Technology Analyst at PitchBook, a leading provider of venture capital, private equity, and M&A research and analysis. He leads PitchBook's

coverage of technologies, companies and investments in financial services. He recently published a market map of the VC-backed Fintech ecosystem and market segmentation.

Prior to joining PitchBook, Le was completing his MBA at Carnegie Mellon University and worked at Silicon Valley Bank.



### **Ross B. Leckow**

**Deputy General Counsel, Legal Department, International Monetary Fund**

Ross Leckow is Deputy General Counsel in the Legal Department of the International Monetary Fund.

Originally from Canada, Leckow joined the IMF's Legal Department in 1990. As an IMF lawyer, he has advised on all aspects of the IMF's operations, including the governance of the IMF, its surveillance over member countries' economies, and its financial and technical assistance to IMF members. Leckow currently leads the Legal Department's efforts to help member countries strengthen their legal frameworks for the regulation of the financial sector, to contribute to the development of international standards for financial regulation, and to study the impact of technological change on the financial sector.

He is a co-author of the IMF's papers on Fintech and Financial Services: Initial Considerations (2017), and Virtual Currencies and Beyond: Initial Considerations (2016). He is also the author of "Virtual Currencies – the Regulatory Challenges" published by the European Central Bank in ESCB Legal Conference 2016. Before joining the Fund, Leckow practiced law in the private and public sectors in Canada. He lectures frequently in the United States and abroad on the law of the IMF and other issues of international financial law.



### **Sean Lippel**

**Director, FinTech Collective**

Sean Lippel is a Director on the Investments Team at FinTech Collective, a New York based venture capital fund, focused exclusively on financial services technology companies. A former entrepreneur and world-ranked

poker player, Lippel started his professional career as an investment banker at Credit Suisse in its Equity-Linked Origination group. As an Associate, he helped develop structured solutions for large financial services and technology companies, working on a number of high profile transactions including Intel's \$2b junior subordinated convertible offering in 2010 and KKR's \$1.25b private convertible investment in Legg Mason in 2008.

Lippel left Wall Street in the summer of 2012 to start MyGameFace, a SaaS start-up, focused on increasing fan engagement at stadiums and other sporting venues. The business was mobile-first and digitally connected sports viewers to a stadium's concessions, entertainment, and social media assets.

He graduated with an MBA from Columbia Business School and a BBA from the Stephen M. Ross School of Business at the University of Michigan.



### **Alexander Lipton**

**Co-Founder and Chief Technical Officer, SilaMoney**

Alex Lipton is Co-Founder and Chief Technical Officer at SilaMoney which offers a simple, secure, and accessible suite of developer tools and an API platform to help build the new financial world. His background is in investment

banking, OTC trading, electronic markets, and risk management. He ran Bank of America's global quant business.

Lipton is a strong thought leader with a proven track-record of managing large quantitative organizations in challenging environments, building teams from scratch, merging existing teams, and re-aligning teams to fulfil new mandates. His current interests include fintech, including distributed ledger and other applications of cryptography in banking and payment systems, and holistic risk management. His scientific interests are centered on quantitative development of modern monetary circuit theory, mechanisms of money creation, interlinked banking networks, and more.

Lipton is a Connection Science Fellow at MIT and a Visiting Professor of Financial Engineering at École Polytechnique Fédérale de Lausanne.



### **David Lipton**

**First Deputy Managing Director, International Monetary Fund**

David Lipton assumed the position of First Deputy Managing Director of the International Monetary Fund (IMF) on September 1, 2011. On March 28, 2016, he

was reappointed for a second five-year term beginning September 1, 2016.

Before coming to the Fund, Lipton was Special Assistant to the President, and served as Senior Director for International Economic Affairs at the National Economic Council and National Security Council at the White House.

Previously, he was a Managing Director at Citi, where he was Head of Global Country Risk Management. In that capacity, he chaired Citi's Country Risk Committee, worked for the Senior Risk Officer, and advised senior management on global risk issues. Prior to joining Citi in May 2005, he spent five years at Moore Capital Management, a global hedge fund and, before that, a year at the Carnegie Endowment for International Peace.

Lipton served in President Clinton's administration at the U.S. Department of the Treasury from 1993 to 1998. As Under Secretary of the Treasury for International Affairs — and before that as Assistant Secretary — he helped lead the Treasury's response to the financial crisis in Asia and the effort to modernize the international financial architecture. Before joining the Clinton administration, he was a fellow at the Woodrow Wilson International Center for Scholars and worked as economic adviser to the governments of Russia, Poland and Slovenia during their transitions to capitalism.

Lipton earned a PhD and MA from Harvard University and a BA from Wesleyan University.



### **Margaret C. Liu**

**Senior Vice President, Legislative & Deputy General Counsel, Conference of State Bank Supervisors**

Margaret Liu is Senior Vice President and Deputy General Counsel at the Conference of State Bank Supervisors (CSBS). Margaret serves as a part of the CSBS legal and

policy team, providing legal support for CSBS and its affiliated organizations as well as overseeing CSBS efforts representing the policy perspectives of state banking commissioners before Congress. She also serves as the lead CSBS staff member on fintech issues.

Liu has worked as a consultant on financial services policy issues and in a variety of roles at Fannie Mae, including Vice President of Single Family Mortgage Business, Vice President for Industry Relations, and Vice President for Policy Communications at Fannie Mae.

Liu is a graduate of Harvard College and the University of Chicago Law School.



### **Jameson Lopp**

**Infrastructure Engineer, Casa**

Jameson Lopp is an Infrastructure Engineer with Casa, a multi-signature ("multi-sig") key system. He has worked as an engineer for crypto asset wallets since 2015.

Lopp is also the creator of Statoshi, a fork of Bitcoin Core that analyzes statistics of Bitcoin nodes, founder of Mensa's Bitcoin Special Interest Group, and founder of the Triangle Bitcoin & Business meetup. In his spare time, he waxes philosophical upon the nature of Bitcoin.



### **Clay Lowery**

**Managing Director, Rock Creek Global Advisors**

Clay Lowery is a Managing Director at Rock Creek Global Advisors, an international economic policy advisory firm, where he focuses on international financial regulation, sovereign debt, macroeconomic policies, exchange rates, and investment policy.

During his 15 years of U.S. government service, Lowery held positions with Treasury. He served as the Assistant Secretary for International Affairs at the U.S. Department of the Treasury. In that role, he managed a 200-person team responsible for economic and financial diplomacy, monetary and banking issues, currency strategy, and trade and investment practices. He chaired the Committee on Foreign Investment in the United States (CFIUS), the government committee that reviews international mergers and acquisitions that may affect national security interests. He was the point person on U.S. policy toward Sovereign Wealth Funds; served as the Finance Deputy to the G20, G7, International Monetary Fund and the Financial Stability Forum; and was appointed by the President at various times to be the U.S. representative to the Boards of the World Bank, African Development Bank, European Bank for Reconstruction and Development, and Inter-American Development Bank. After his government service, he worked at Cisco Systems and the Glover Park Group.

Lowery is a Visiting Fellow at the Center for Global Development and serves as a Senior Advisor at the Center for Strategic and International Studies. He was an Adjunct Professor at Georgetown University in international finance and a lecturer at the National War College. He received his BA from the University of Virginia (Phi Beta Kappa) and an MS from the London School of Economics.



### **Maria Soledad (Sole) Martinez Peria**

**Chief of the Macro-Financial Division of the Research Department, International Monetary Fund**

Maria Soledad (Sole) Martinez Peria is Chief of the Macro-Financial Division in the IMF Research Department. Martinez Peria manages a team of

economists responsible for conducting research and policy work on macroeconomic and financial issues critical to Fund surveillance activities, with a focus on macro-financial linkages, financial flows, and financial systems. Martinez Peria's published research addresses questions related to financial crises, market discipline, foreign bank participation, bank competition, bank regulation, SME financing, financial inclusion, and remittances. Prior to joining the IMF, Martinez Peria worked at the World Bank, the Brookings Institution, the Central Bank of Argentina, and the Federal Reserve Board. She holds a PhD in economics from the University of California, Berkeley and a BA from Stanford University..

# SPEAKER BIOS



## Jai R. Massari

Partner, Davis Polk & Wardwell LLP

Jai Massari is a partner in Davis Polk's Financial Institutions Group and the trading and markets practice, based in the Washington, DC office. She advises major global banks, asset managers, and corporations on the

requirements, impact and implementation of financial regulation, including reforms, focusing on derivatives regulation and the Volcker Rule.

Massari also advises financial institutions and technology companies on regulatory considerations for digital asset and blockchain businesses and investments. She frequently works with individual firms and industry organizations in connection with advocacy efforts on legislative and regulatory proposals.

She graduated from Cornell University with a degree in chemistry and earned her JD from Duke University School of Law, where she served as Executive Editor of Law & Contemporary Problems.



## Patrick Murck

Special Counsel, Cooley LLP

Patrick Murck's practice focuses on the legal and regulatory issues facing Fintech and emerging payment systems. He has a deep understanding of the Fintech industry, having been involved in a number of startups as

an employee, entrepreneur and advisor.

Prior to joining Cooley, Murck was a co-founder of the Bitcoin Foundation where he served at times as General Counsel and Executive Director. Patrick has engaged regulators and policymakers in the U.S. and Europe on bitcoin and the emerging digital economy. He was named among America's 50 Outstanding General Counsel for 2014 by the National Law Journal.

In addition to his role with Cooley, Murck currently serves as a fellow with Harvard University's Berkman Center for Internet & Society where he conducts research on the law and policy implications of bitcoin, distributed ledgers and smart contracts. He also serves as President and a Board member for the BitGive Foundation, a non-profit organization focused on charitable giving and social impact using bitcoin.

Murck has a JD *cum laude* from The Catholic University of America, Columbus School of Law and a BA in Journalism from American University.



## Aditya Narain

Deputy Director, Monetary and Capital Markets Department, International Monetary Fund

Aditya Narain is Deputy Director in the Monetary and Capital Markets (MCM) Department of the International Monetary Fund (IMF), where he oversees MCM's work

on Financial Supervision and Regulation as well as its overall Technical Assistance function. In the course of his Fund career, he has led Financial Sector Assessment Program (FSAP) missions to the United States, Canada, Malaysia, and Sri Lanka besides leading assessments of bank supervision in several other FSAPs including China. He also has led Technical Assistance

missions on a range of financial sector topics to the Fund's member countries in Asia, Africa, Latin America, Europe, and the Middle East.

Narain has been closely involved with various international regulatory reform initiatives and standard-setting forums—including groups of the G-20, UN, FSB, and Basel. He represents the Fund on the Basel Committee on Banking Supervision (BCBS) and currently also serves as the Vice-Chair of the FIRST Initiative and as a Member of the Board of the Toronto Centre. He joined the IMF in 2003 as Senior Financial Sector Expert after a lengthy career with the Reserve Bank of India (RBI), where he last held the post of Chief General Manager of the Department of Banking Supervision.

He holds Master's Degrees in Physics from Delhi University and in Public Administration from Harvard University's Kennedy School of Government, where he was named a Lucius N. Littauer Fellow for outstanding academic achievement.



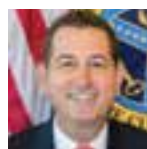
## Joseph Noss

Secondee, Financial Stability Board

Joseph Noss is a Senior Manager within the Financial Stability area. His team is responsible for monitoring developments across financial markets. He has previously worked in the Markets Directorate and on the

Prudential Policy and Monetary Analysis teams. His research is on capital markets and the provision of finance by both banks and non-banks, and its implications for financial stability.

Noss is interested in understanding what the recent growth in market-based finance means for public policy. He has led projects to assess risks from the asset management and life insurance industries, and on projects that simulate stress across a range of financial markets and institutions. He has been involved in International policy work by the Financial Stability Board and the Basel Committee on Banking Supervision.



## Joseph M. Otting

Comptroller of the Currency, U.S. Department of the Treasury

Joseph M. Otting was sworn in as the 31st Comptroller of the Currency on November 27, 2017. The Comptroller of the Currency is the administrator of the federal banking system and chief officer of the Office of the Comptroller of the Currency (OCC). The OCC supervises nearly 1,400 national banks, federal savings associations, and federal branches and agencies of foreign banks operating in the United States.

Prior to becoming Comptroller of the Currency, Otting was an executive in the banking industry. He served as President of CIT Bank and Co-President of CIT Group. Previously to this position, he was President, Chief Executive Officer, and a member of the Board of Directors of OneWest Bank, N.A. Earlier in his successful career, he held leadership positions with U.S. Bancorp, where he served on the Executive Management Committee, and at Union Bank of California.

Otting has played significant roles in charitable and community development organizations. He has served as a board member for the California Chamber



of Commerce, the Killebrew-Thompson Memorial foundation, the Associated Oregon Industries, the Oregon Business Council, the Portland Business Alliance, the Minnesota Chamber of Commerce, and Blue Cross Blue Shield of Oregon. He was also a member of the Financial Services Roundtable, the Los Angeles Chamber of Commerce, and the Board and Executive Committee of the Los Angeles Economic Development Corporation.

Otting holds a BA in Management from the University of Northern Iowa and is a graduate of the School of Credit and Financial Management, at Dartmouth College.



### **Rob Palatnick**

**Managing Director and Chief Technology Architect, Depository Trust & Clearing Corporation (DTCC)**

Robert Palatnick is Managing Director and Chief Technology Architect at DTCC, where he has responsibility for the global IT strategy, architecture,

standards and engineering design of the systems and applications that support the firm's broad range of products and services. In addition, he leads DTCC's technology innovation initiatives, including cloud, automation, big data analytics and distributed ledger technologies and co-sponsors DTCC's Office of Fintech Strategy.

Before this role, Palatnick held a number of senior technology positions at DTCC including Application Development Domain Lead, Chief Administrative Officer of IT and CIO of FICC. Prior to joining DTCC, Palatnick was Vice President, Development and Systems, at Security Pacific Corporation Sequor Software Services.

An active technology voice in the industry, Palatnick has been a featured guest speaker at key conferences worldwide and is often quoted in the press. He currently serves as a member of the Governing Board of the Linux Foundation's Hyperledger Project, a collaborative effort to establish, build and sustain an open, distributed ledger platform across industries.

Palatnick received his BS in Electrical Engineering from the University of Buffalo, and is an alumnus of the David Rockefeller fellowship.



### **Craig S. Phillips**

**Counselor to the Secretary, U.S. Department of the Treasury**

Craig Phillips joined the Treasury in January 2017 and serves as Counselor to the Secretary. He assists the Secretary in a range of matters including domestic

finance, domestic financial institution policy, housing finance policy, and regulatory reform.

Since 2008, Phillips served as a Managing Director and Member of the Global Operating Committee of BlackRock, Inc. He was the global head of the Financial Markets Advisory Group in BlackRock Solutions which provided analytical and risk consulting services to a wide range of private and public sector organizations globally. Clients included central banks, banking supervisors and multilateral organizations around the world.

Phillips previously held leadership positions at Morgan Stanley and Credit Suisse First Boston where he managed global securitized product platforms.

Phillips holds a BA in Economics and Business Administration from Vanderbilt University.



### **Gina C. Pieters**

**Research Fellow, Cambridge Centre for Alternative Finance, University of Cambridge & Lecturer, Economics Department, University of Chicago**

Professor Gina Pieters is a Lecturer at the University of Chicago Economics Department, and a Research

Fellow at the University of Cambridge Centre for Alternative Finance. While highly trained in economic models and simulations, her recent work has been empirical, focused on establishing base-line data and terminology within cryptocurrency markets and DLT technology to encourage disciplined research and facilitate communication across fields. Her papers can be downloaded from her website or from SSRN, where she is ranked in the top 1% of all economics authors.

Pieters has won multiple teaching awards, and has taught courses ranging from introductory economics to specialized courses in international monetary systems. She has been interviewed on radio shows, including NPR Marketplace, and presented at multiple academic conferences and central banks. She is on Twitter as @ProfPieters where she tweets about cryptocurrency and DLT research.

Pieters received a BS in Physics and her BA in Economics (Highest Honors) from University of California, Santa Cruz, and her PhD in Economics from the University of Minnesota, with a specialization in International Economics.



### **Rahul Prabhakar**

**Head of Regulatory Compliance for Financial Services, Amazon**

Rahul Prabhakar is the Head of Regulatory Compliance for Financial Services at Amazon Web Services (AWS).

He focuses on how financial services customers can

improve their security and resiliency by using AWS and engages with financial regulatory agencies to explain AWS' approach to security and compliance. Prabhakar previously served as Senior Advisor for Financial Institutions Policy at the United States Treasury Department. In addition to advising Treasury officials on financial regulatory policy, he helped lead development of U.S. and international financial sector cybersecurity policy, including through the U.S. Financial and Banking Information Infrastructure Committee (FBIIIC) and as secretariat for the G-7 Cyber Expert Group.

Prabhakar holds a Doctorate in International Relations from the University of Oxford and wrote his dissertation on international financial law. He received his Bachelor's Degree in Government, *magna cum laude*, from Harvard University.

# SPEAKER BIOS

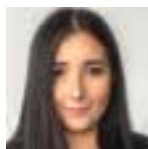


## **Nirup Ramalingam**

**Chief Operating Officer, NEX SEF**

Nirup Ramalingam is the Chief Operating Officer of NEX SEF Limited, NEX Group's U.S. and U.K. regulated venue for OTC swaps. He has been with NEX Group for six years, initially responsible for spearheading product

research efforts for the IRS and FX business units, and was later involved in the launching of NEX SEF in 2017. In his current role, Ramalingam is responsible for managing day-to-day operations for the SEF as well as leading commercial initiatives in the regulated space. Prior to joining NEX Group, he was at Royal Bank of Scotland in Australia and held various consulting roles in Sydney.



## **Nydia Remolina León**

**Legal Advisor for Innovation, Digital Transformation and Policy Affairs, Grupo Bancolombia**

Nydia Remolina is Legal Advisor for Innovation, Digital Transformation and Policy Affairs at Grupo Bancolombia and a Lecturer in Financial Regulation at Javeriana

University. She holds a Master's Degree in Law from Stanford University and has more than ten years of experience in the financial services industry and in academia as a lecturer and researcher. Her primary areas of work and academic research include financial regulation, capital markets, banking regulation, and Fintech. She has taught or delivered lectures at several institutions in the United States, Asia, Europe, and Latin America.

Remolina has participated as an instructor for the Global Certificate Program jointly organized by Harvard Law School and the International Organization of Securities Commissions (IOSCO). She has also been invited to speak about Fintech and financial regulation at various international organizations, including the International Monetary Fund (IMF) and IOSCO. Remolina has also acted as a Senior Advisor to the Organization for Economic Cooperation and Development (OECD), and worked as a foreign associate in Sullivan & Cromwell LLP's New York Office.



## **Francisco Rivadeneyra**

**Research Advisor, Bank of Canada**

Francisco Rivadeneyra is a Research Advisor on payments systems and electronic money in the Funds Management and Banking Department at the Bank of Canada. His recent research focuses on the implications

of technological innovations, for example e-money and DLT, for the mandates of central banks. He also is currently working on developing computational tools to measure the risk and efficiency of national payments systems in the context of the modernization of the Canadian system. His earlier work focused on the management of domestic debt and foreign reserves portfolios.

Rivadeneyra holds a PhD and MA in Economics from the University of Chicago. He earned a BA in Economics from the Instituto Tecnológico Autónomo de México (ITAM).



## **Nat Robinson**

**Chief Executive Officer, Leaf Global FinTech**

Nat Robinson is the Co-Founder and Chief Executive Officer of Leaf Global FinTech, a company providing mobile financial services to the stateless and excluded on a blockchain platform. Leaf uses the Stellar

distributed ledger to provide fast, affordable, and secure cross-border transactions to refugees in the DRC and Rwanda with plans to expand globally. Leaf received an award at the 2018 South by Southwest conference in fintech and payments, as well as Capital Markets CIO Outlook's award for top blockchain solutions of 2018.

Robinson previously served as the Chief Executive Officer and founder of Juhudi Kilimo Company Ltd., which provides micro-asset financing to rural smallholder farmers in Kenya. The company was recognized in 2011 at the World Economic Forum with the Social Entrepreneur of the Year Award and by CIO Magazine on the 2013 CIO 100 list of companies using innovative technology to deliver business value. Robinson has served as a consultant at Accenture in the Washington, DC area and has traveled, worked, or studied in over 65 countries across six continents in business, nonprofit, and government. He has served on the board of the Kenyan Association of Microfinance Institutions and helped form current policy on non-deposit taking regulations in Kenya.

He is also the author of a book entitled "Creating a Cash Cow in Kenya" and has lectured at Stanford Graduate School of Business, Harvard Business School, the Wharton School, Columbia Business School, Vanderbilt Graduate School of Management, and the United Nations Development Program.

Robinson has a JD from Vanderbilt University Law School and an MBA from Vanderbilt University, Owen Graduate School of Management.



## **Michelle Santuoso**

**Co-Founder, Blockchain Accounting**

Michelle Santuoso is a Political Consultant and Media Buyer at Crossroads Media. She has strategically planned and negotiated cost effective political media campaigns in various markets across the country

and globe. Some of Santuoso's past experiences include working on a presidential campaign as well as campaigns engaged in public policy and issue advocacy. Prior to working at Crossroads Media, Santuoso worked with the governmental affairs office on Capitol Hill for Michigan State University and worked as a contractor for ABC in Miami, Florida.

Santuoso graduated from Syracuse University with a Bachelor's Degree in Communications and Policy Studies and a Minor in Political Science and Psychology, and is currently an MBA candidate at Georgetown University's McDonough School of Business. She is a Florida native and currently resides in Arlington, Virginia.



### **Juan Suarez**

#### **Vice President, Legal, Coinbase**

Juan Suarez is the Vice President of Legal at Coinbase, a global digital currency exchange founded in 2012 and headquartered in California. In this role, Suarez leads Coinbase's global legal team, where he advises on all

legal matters pertaining to the company's operations and governance.

Prior to Coinbase, Mr. Suarez was a litigation attorney at two national law firms, Goodwin Procter LLP and Debevoise & Plimpton. His previous work included consumer class action, securities fraud and derivatives litigation lawsuits.

Suarez received his JD from the University of Chicago Law School and his BA in Economics and Political Science from Penn State University.



### **Abebe Aemro Selassie**

#### **Director, African Department, International Monetary Fund**

Abebe Aemro Selassie is responsible for the International Monetary Fund's (IMF) operations and engagement with the 45 member countries from sub-Saharan Africa. He

assumed this role in September 2016. Prior to this assignment, Selassie was Deputy Director of the Department. Between 2001 and 2003, he was Assistant Director and mission chief for Portugal during the Eurozone crisis.

During an IMF career spanning 22 years, Selassie served as a mission chief for South Africa and led work on AFR's Regional Economic Outlook. He has worked closely with policymakers from many of the region's frontier markets (Cote D'Ivoire, Ghana, and Kenya) to its more fragile countries (Burkina Faso, Guinea, Liberia, and Sierra Leone). He also served as the IMF's senior resident representative in Uganda.

Earlier in his career, he worked on the Fund's lending programs with Turkey, Thailand, Romania and Estonia, as well as took part in extensive policy, operational review, and economic research work.

Before joining the IMF in 1994, Selassie worked for the Government of Ethiopia and the Economist Intelligence Unit in London, specializing in sovereign credit risk issues. He holds a BA in Economics from the City of London Polytechnic and an MS in Economic History from the London School of Economics.



### **Alessandra Shultz**

#### **Business Development, Gemini**

Alessandra Shultz is a business development professional for Gemini Trust Company, LLC, a licensed digital asset exchange and custodian. Prior to joining Gemini, she worked at Metacapital Management, an

SEC-registered investment advisor, which invests in mortgage and structured credit markets, where she focused on middle office operations, compliance, and investor relations.

Shultz received her BS from Cornell University.



### **Tony Sio**

#### **Head of Marketplace & Regulator Surveillance Technology, Nasdaq**

Tony Sio is the Head of Marketplace Surveillance Technology at Nasdaq, where his portfolio includes responsibility for the SMARTS Market Surveillance

solution, used by over 45 marketplaces and 17 regulators globally. His team uses the latest in technology to provide surveillance solutions for all tradeable products in the world's largest markets.

Sio brings over 15 years' experience implementing or advising upon financial technology and surveillance practices at exchanges and regulators across the United States, Europe, the Middle East, the Asia-Pacific region, and Africa. He has run teams performing major technology changes at over a dozen marketplaces as well as handled lecturing roles on the topics of regulatory practices and financial technology.



### **Bryan Stirewalt**

#### **Chief Executive, Dubai Financial Services Authority**

Bryan Stirewalt was appointed Chief Executive of the DFSA on 1 October, 2018, after nearly 8 years as the DFSA's Managing Director of the Supervision Division.

In his role as Chief Executive, Stirewalt will take the lead in steering the work of the DFSA and further developing its capability as a robust regulator delivering world-class financial regulation in the DIFC.

Over his time with the DFSA, Stirewalt has played a vital part in executing the DFSA's regulatory mandate and developing its risk-based supervision framework. His responsibilities have included prudential and conduct-oriented oversight of financial service providers in the Dubai International Financial Centre (DIFC), in addition to the DFSA's regulatory role with Registered Auditors and Credit Rating Agencies. He has also directed the DFSA's efforts in fighting methods of illicit finance, including the crucial regulatory relationships with Designated Non-Financial Businesses and Professions.

Prior to joining the DFSA, Stirewalt developed his skills over a career that spans more than 30 years. He has held a number of senior positions in financial regulation, both in the public and private sectors. From 1985 to 1996, he worked for the U.S. Treasury's Office of the Comptroller of the Currency as a National Bank Examiner, specializing in policy development and implementation, problem bank rehabilitation and banking fraud initiatives. From 1996 until joining the DFSA in 2008, he worked for an international consulting and advisory firm, focusing on emerging markets development programs in Poland, Ukraine, Cyprus and Kazakhstan.

In relation to international development, Stirewalt plays an active role in supporting the work of international standard-setting bodies. He now serves as the Co-Chair of the Basel Consultative Group (BCG), which provides a forum for deepening the Basel Committee on Banking Supervision's engagement with non-member, global supervisors on banking supervisory issues. Through this role, Stirewalt also serves as an Observer at the Basel Committee on Banking Supervision.

# SPEAKER BIOS



## Tim Swanson

Director of Research, Post Oak Labs

Tim Swanson is the Founder and Director of Research at Post Oak Labs. He was previously a Visiting Research Fellow at the Singapore University of Social Sciences, as well as at Sim Kee Boon Institute at Singapore

Management University. He has worked in East Asia for more than six years and is currently based in the San Francisco Bay Area. He is a graduate of Texas A&M University.

His 2015 paper: "Consensus-as-a-Service: a Brief Report on the Emergence of Permissioned, Distributed Ledger Systems" popularized the term "permissioned" blockchain (or ledger), a topic which remains a mainstay at fintech conferences globally.

He is the author of three books: *Great Wall of Numbers: Business Opportunities and Challenges in China*; *Great Chain of Numbers: A Guide to Smart Contracts, Smart Property and Trustless Asset Management*; and, *The Anatomy of a Money-like Informational Commodity: A Study of Bitcoin*.

Swanson is currently an advisor to Elm Labs, Clearmatics, and Blockseer (acquired by DMG), and was an advisor to Hyperledger (acquired by DAH). He does not own any cryptocurrencies in any of the companies or projects he has written about, nor has he received financial compensation for including companies or projects within his articles. He was previously the Director of Market Research at R3.

His research papers have been cited in a variety of media and he has appeared on more than one hundred industry panels and events over the past four years. Swanson is also frequently quoted in media including: Wired, MIT Technology Review, Reuters, The New York Times, Bloomberg, The Wall Street Journal, The Financial Times, The New Republic, American Banker, and International Business Times.



## Josh Swihart

Vice President, Marketing and Business Development, Zcash Company

Josh Swihart is responsible for all commercial activities in support of Zcash, a type of digital currency. The Zcash Company launched and supports the development of the

Zcash cryptocurrency — a privacy-protecting, digital currency built on strong science. Since its launch in 2016, Zcash has quickly grown to be one of the most valued and admired cryptocurrencies in the world.

Prior to Zcash, Swihart served as the Senior Vice President of Global Marketing for K2. He also served as a global practice principal for EMC, the Chief Executive Officer of Aspenware, and was the cofounder of other companies with exits to Accenture and EMC.

Swihart began his career as a software developer, data recovery specialist and BBS sysop. He has received numerous global and national awards for leadership, marketing and solution delivery.



## Sam Taussig

Head of Global Policy, Kabbage Inc.

Sam Taussig is responsible for Kabbage's interactions with state, federal and foreign governments and community development organizations. He covers issues ranging from banking regulations to artificial intelligence,

privacy, CRA, and corporate social responsibility. Before joining Kabbage, he served as a special assistant to the Head of the United Nations in Indonesia working on upstream policy development using "big data," project financing, political affairs and bilateral diplomacy.

Taussig has worked in the alternative credit space since he experienced how micro credit offered enterprising Zambians a sustainable path out of poverty. Since 2007, he has promoted alternative credit across Africa, South America, Asia, the Caribbean and rural America with a variety of non-governmental organizations and the United Nations. Taussig was exposed to policy and government relations work while helping small business owners navigate state and federal regulatory requirements at the Montana Community Development Corporation in Bozeman, MT.

Taussig holds a BA in Economics, *magna cum laude*, from Sewanee: The University of the South with a concentration in econometrics and finance. His favorite small business is Calleva's Liquid Adventures, a Maryland whitewater kayaking school.



## Harco van den Oever

Founder and CEO, Overstone Art Services

Harco van den Oever has had a 27 year career in fine art and finance. He was, prior to founding Overstone Art Services, from 2001 to 2012, Senior Executive with Christie's International as Continental European

Head, European Client Development Head, Member of the EMEA Executive Management Team and Senior Vice President of the Impressionist and Modern Art Department.

Prior to this, he began his career in capital markets and leveraged finance where he worked from 1989 to 1999 at Paribas, Bankers Trust, and Credit Suisse First Boston, where he was in charge of the Emerging Markets Group's loan syndications and bank coverage for Latin America. He then co-founded the U.K.'s first online mortgage brokerage business, Fredfinds.com, which was sold in 2001 to AIM listed Netwindfall Ltd.

Van de Oever has an MBA from the University of Hartford and is an INSEAD AMP alumnus, where he is also a regular speaker. He is a member of Professional Advisors to the International Art Market and an U.K. Financial Conduct Authority Approved Person.





**Peter Van Valkenburgh**  
 Research Director, Coin Center

Peter Van Valkenburgh is Director of Research at Coin Center, the leading non-profit research and advocacy group focused on the public policy issues facing cryptocurrency technologies such as Bitcoin.

He drafts the Center's public regulatory comments, and helps shape its research agenda. Van Valkenburgh has testified before Congress, briefed staff and members of the European Union Parliament, and educated policymakers and regulatory staff globally on the subject of cryptocurrency regulation and decentralized computing systems.

Previously, he was a Google Policy Fellow and collaborated with various digital rights organizations on projects related to privacy, surveillance, and digital copyright law.

Van Valkenburgh received his JD from New York University School of Law. He also is a self-taught designer and coder.



**Angela C. Walch**  
 Associate Professor, St. Mary's University School of Law

Angela Walch is a Professor of Law at St. Mary's University School of Law in San Antonio, Texas, and a Research Fellow at the Centre for Blockchain

Technologies at University College London. Her research focuses on money and the law, cryptocurrencies, blockchain technologies, and financial stability. Walch's work on cryptocurrencies and blockchain technologies is internationally recognized, and she speaks at events around the world.

Walch has presented her research at Harvard Law School, Stanford University, The London School of Economics, and the Federal Reserve, among others. Her work has appeared in the NYU Journal of Legislation & Public Policy, the Review of Banking & Financial Law, and American Banker, and has been cited in reports by the Financial Stability Board, the OECD, and the European Commission. Walch has been featured in The New York Times, The Wall Street Journal, The Economist, TIME Magazine, Bloomberg, The Washington Post, and The Guardian, along with other media outlets.

Before entering academia, Walch practiced transactional law at the firm of Ropes & Gray in Boston and in the Office of the General Counsel at Harvard University. She also practiced in London, where she worked in-house for Sainsbury's and served as general counsel for Brand Events. Walch is a graduate of Harvard College and Harvard Law School.



**Petal P. Walker**  
 Special Counsel, WilmerHale

Petal Walker is a special counsel with WilmerHale, where she counsels Financial Market Infrastructures (FMIs), banks and intermediaries, as well as innovators in the digital space, in meeting compliance obligations in a

complex web of regulatory requirements. She advises companies on futures and swaps compliance and regulation and works closely with attorneys in

banking, corporate and energy to deliver comprehensive, multi-faceted legal advice to clients. Walker rejoined WilmerHale in 2017 after serving as Chief Counsel for Commissioner Sharon Bowen at the U.S. Commodity Futures Trading Commission (CFTC), where she advised on policy and enforcement issues and served as a designated federal officer for the CFTC's Market Risk Advisory Committee. Walker had a central role in forming the Committee, overseeing its direction, and managing a two-year process to adopt well-regarded recommendations for CCP resilience.

At WilmerHale, Walker also assists market participants by alerting them to the issues raised by, and helping them demonstrate compliance with, the requirements of the Dodd-Frank regulatory framework. Walker has rendered advice to CFTC registrants and end-users regarding the Dodd-Frank requirements in a number of areas, including reporting, mandatory clearing, product definition, segregation of customer funds, risk management and financial resource requirements. She also has enforcement and litigation experience, and has successfully assisted entities in responding to complex SEC and FINRA investigations.

Prior to her three years at the CFTC, Walker was a senior associate at WilmerHale. Her professional activities include service as a director on the Jumpstart DC Local Advisory Board, as well as a member of the ABA Derivatives and Futures Law Committee Innovative Digitized Products and Processes Subcommittee; Derivatives, Securitization, and Project Finance Committee of the Corporation, Finance and Securities Section of the District of Columbia Bar Association; the Derivatives and Futures Law Committee of the Business Law Section of the American Bar Association; Women In Derivatives (WIND); and Women In Energy (WEN).



**John Walsh**  
 Innovation Manager, Thomson Reuters

John Walsh leads business development for the Applied Innovation team at Refinitiv, the new entity created from the financial and risk business of Thomson Reuters.

He is focused on bringing new content and analytics

to institutional investors, leveraging partnerships with Alternative Data providers, Fintech startups, and large technology companies.

Walsh previously worked as a Management Consultant at Booz Allen Hamilton. He holds an MBA from UCLA Anderson School of Management and is a CFA Charter Holder.



**Yvonne Wang**  
 Head of Technology Strategy, Stealth FinTech

Yvonne Wang is Head of Technology Strategy, Stealth FinTech. After beginning her career as an engineer at HP, Yvonne Wang has held senior leadership positions at Pfizer, Bank of America and Credit Suisse, in both

investment banking and private banking. With backing from CS and Palantir Technologies, Wang co-founded Signac, a company specializing in algorithmic fraud detection. These days she is back in stealth mode leading technology strategy and raising initial capital to build the first truly digital investment bank.

With 20 years of experience in new product development and innovation across multiple industries, and deep expertise in finance, analytics and business transformation, Wang is passionate about the promise of utilizing data to solve complex industry problems, with rigorous focus on invention around leading edge data, analytics products and platforms. Wang is an established team builder and corporate change manager, having developed training programs used by thousands of employees and senior executives in data driven decision making.

Wang graduated from Cornell University with a BS in Chemical Engineering. In her spare time, she serves on the board of trustees of Madison Avenue Presbyterian Church and Day School, and loves to go on adventures exploring, rafting and hiking with her husband and three children.



**Chris White**  
Chief Executive Officer, ViableMkts

Chris White is the founder and CEO of ViableMkts, a fintech-focused strategic consulting firm that helps financial institutions improve their innovation process.

White's 20 year career in finance has been dedicated to financial market structure and has included roles at MarketAxess, Barclays Capital, and most recently, Goldman Sachs. While at Goldman, he developed the first client-to-dealer dark pool for corporate bond trading (GSessions) and the first corporate bond indication of interest (IOI) system. Earlier this year, ViableMkts hosted Crypto Evolved, the first conference exclusively focused on the institutionalization of crypto asset markets.

White earned a BA in Psychology and a BA in Organizational Behavior Management, both from Brown University.

**Chris White**  
Founder and Chief Executive Officer, BondCliQ

See listing above for Mr. White, ViableMkts



**Sharon S. Yang**  
Acting Deputy Assistant Secretary, International Financial Markets, U.S. Department of the Treasury

Sharon S. Yang is the Acting Deputy Assistant Secretary of the International Financial Markets office in Treasury International Affairs. She heads a team of international

economists and financial analysts responsible for addressing a wide range of international financial policy issues, including advocating U.S. financial regulatory interests in multilateral forums such as the Financial Stability Board (FSB) and G-20, bilaterally through formal dialogues with international counterparts in Europe and Asia, and by assessing potential systemic financial risk in key international financial markets. Yang also chairs the annual U.S.-India Financial Regulatory Dialogue, and is the Treasury representative on the FSB's Resolution Steering Group and Regional Consultative Group for the Americas. Prior to her current role in Treasury International Affairs, she was in Treasury's Office of the General Counsel, and

is the recipient of the 2017 Legal Team of the Year award for her work on financial regulation and of the Treasury 2016 Special Act award for her work on China.

Yang's work at Treasury builds on 15 years' private sector financial regulatory, strategy and legal experience, including as in-house counsel and in private practice in New York. She began her career as a management consultant, where she advised Fortune 500 companies on corporate strategy. Yang holds a JD from the Georgetown University Law Center and is a graduate of the Wharton School of the University of Pennsylvania.



**Ryan Zagone**  
Director of Regulatory Relations, Ripple

Zagone is the Director of Regulatory Relations at Ripple, a technology company enabling the next generation of global payments. Zagone works at the intersection of regulatory policy and product strategy, managing

Ripple's relationships with central banks and regulators. He previously served as Ripple's Head of Research. From 2015-2017, Zagone served on the Steering Committee of the Federal Reserve's Faster Payments Initiative. He is currently a member of the Industry Advisory Panel of the United States Conference of State Bank Supervisors, the consortium of state regulators and a member of the research advisory board of the United Nations' Better than Cash Alliance – an effort to accelerate financial inclusion through electronic payments. Previously, he focused on product strategy at Deloitte and regulatory policy at the American Bankers Association. Zagone holds a degree in economics and lives in New York.



**Diego Zuluaga**  
Policy Analyst, Center for Monetary and Financial Alternatives, Cato Institute

Diego Zuluaga is a policy analyst at the Cato Institute's Center for Monetary and Financial Alternatives, where he covers financial technology and consumer credit. Before

joining Cato, Zuluaga was Head of Financial Services and Tech Policy at the Institute of Economic Affairs (IEA) in London. While at the IEA, he authored papers on the social value of finance, the regulation of online platforms, and the taxation of capital income, among others.

His work has been featured in print and broadcast media, such as the Times, Newsweek, and the Daily Telegraph. Zuluaga is a prolific public speaker, as well as a former lecturer in economics at the University of Buckingham.

Originally from Bilbao in northern Spain, Zuluaga holds a BA in Economics and History from McGill University, and an MS in Financial Economics from the University of Oxford.



