These events have been built in collaboration with some of the world's leading banks, financial institutions and technology companies to ensure that the most pressing and pertinent issues are covered. Topics ranging across trading, fixed income, derivatives, syndicated loans and trade finance, identity and payments. Discussion for leading figures on both the business and technology sides of the global banking industry.


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EDCAB
Regulatory Compliance Professional

Benjamin Whitby
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Global Regulatory Compliance GBM & CMB, Global Risk

Michele Curtoni
London Stock Exchange
Strategy Manager, Global Technology Innovation

Massimo Morini
Banca IMI Intesa San Paolo
Head of Interest Rates, Credit and Inflation Models

Ross Breadmore
Synechron
Associate Director - Innovation

Hugh Madden
ANX INTERNATIONAL
Co-Founder and CTO

Nicole Sandler
Vice President, Regulatory Policy
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Chris Huls
Rabobank
Blockchain Specialist

Nick Ayton
Blockchain-X
SmartLedger Labs

Simon Taylor
Blockchain at 11:FS
Co-Founder / Director

Lee Braine
Barclays
Investment Bank CTO Office

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Fintricity
Managing Partner, CEO

Robert Sams
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Tomaso Aste
Head, Financial Computing and Analytics Group, Director of UCL Centre for Blockchain Technologies, Director, MSc Financial Risk

Garrick Hileman
University of Cambridge and London School of Economics - Founder, MacroDigest.com

Adam Furgal
R3 Global Collaborative Lab, R3 CEV
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Nick Ayton
Blockchain-X
SmartLedger Labs

Tomaso Aste
Head, Financial Computing and Analytics Group, Director of UCL Centre for Blockchain Technologies, Director, MSc Financial Risk

Fabian Vandenreydt
Innotribe & The SWIFT Institute, SWIFT
Global Head of Securities Markets
08:30
Registration and Morning Welcome Coffee

Distributed Ledgers in Financial Markets

09:00 - 10:00
Keynote Speech: Distributed Ledgers in Financial Markets

Presenter: Massimo Morini, Head of Interest Rates, Credit and Inflation Models, Gruppo Intesa Sanpaolo

- Financial Market Problems: consensus by reconciliation
- Too much Trust: Slow Transactions, Costly Duplication, Opacity, Litigations
- The Risk Consequences: Operational Risk, Credit Risk and Capital requirement
- From Fintech-hype to a possible business reform enabled by aspects of Tech
- Variation and Initial Margin Workflow on a Distributed Ledger
- Smart contracts: Robot Counterparties or Digital Referees?
- Oracles, SGX and a question: can we make contracts with machines?
- What impact on incumbents? NO or NEW roles for CCPs and Repositories?

10:00 - 10:45
Fundamentals of Tokenizing Financial Instruments onto a Blockchain: Why, What, and How?

Presenter: Hugh Madden: Co-Founder and CTO, ANX INTERNATIONAL

- Relationship between distributed ledgers, product systems, and sub general ledgers
- Vertical and horizontal efficiency
- Application of distributed ledgers to existing value chains with tokenisation
- Operating models for tokenisation
- Key considerations and risks

10:45 - 11:15
Morning Break and Networking Opportunities

11:15 - 12:00
State of Cryptocurrencies and Distributed Ledger Technology

Presenter: Garrick Hileman: Economic Historian, University of Cambridge and London School of Economics – Founder, MacroDigest.com

- Taxonomy and conceptual framework for cryptocurrencies/DLT
- Current state of play (ie adoption, funding, etc)
- Assessing the opportunities surrounding various DLT use cases
- Government/central bank interest in cryptocurrencies/DLT
- Predictions
12:00 - 12:45
Connecting Banking Environments to Distributed Ledgers
Presenter: Chris Huls, Blockchain Specialist, Rabobank

Distributed Ledgers in Financial Markets

- Various scenarios to couple your blockchain wallet to your money (at your bank) and their consequences
- Enriched functionality of blockchain payments, IoT payments, identity, ticketing, etc.
- Future directions

12:45 - 13:45
Lunch

13:45 - 14:30
R3 Innovation Through Collaboration
Presenter: Adam Furgal: Director, R3 Global Collaborative Lab, R3 CEV

- Separating the hype form the reality
- How does R3 act as a center of gravity to generate answers?
- How does Corda fit in the DLT landscape?
- The importance of regulating in parallel

14:30 - 15:15
“Update on Smart Contract Templates”
Presenter: Lee Braine, Investment Bank CTO Office, Barclays

- “Smart Contract Templates” to connect legal agreements to corresponding business logic
- Standardised agreements, straight-through processing, legal enforceability, simplified dispute resolution
- Cost reduction, efficiency improvement, risk reduction
- Open innovation and collaboration (ISDA, UCL, R3 consortium, etc)
- Research papers and summits
- Next steps
15:15 - 15:45
Afternoon Break and Networking Opportunities

15:45 - 16:30
Blockchain re-defines Operating Models with Smart Contracts as the Secret Sauce

**Presenter:** Nick Ayton: SmartLedger Labs, Blockchain-X

- Implementing Blockchain Operating Models
- Blockchain as a >50% cost out play
- Smart Contracts are the secret sauce

16:30 - 17:30
Smart Contracts Panel

- Do smart contracts actually belong in the finance sector?
- Do you see value in smart contracts to improve call processes?
- Discuss the various types of potential smart contracts and smart contract platforms.
- What are the roles of smart contracts in automated execution for derivatives trading?
- What are the challenges that smart contracts create for existing contract law?
- How will smart contracts be incorporated into the existing legal framework?
- Could smart contracts actually drive legal changes?
- How might smart contracts modernize financial products, such as mortgages?
- How will personal and commercial insurance change with smart contracts?
- Is there a demand? Can this technology increase customer satisfaction?

**Panel:**

- **Lee Braine:** Investment Bank CTO Office, Barclays
- **Massimo Morini:** Head of Interest Rates, Credit and Inflation Models, Gruppo Intesa Sanpaolo
- **Nick Ayton:** SmartLedger Labs, Blockchain-X
- **Chris Huls:** Blockchain Specialist, Rabobank
- **Alpesh Doshi:** Managing Partner, CEO, Fintricity

17:30
Networking Reception

Stay and continue the day's discussions and network with food and drink.
08:30
Morning Welcome Coffee

09:00 - 09:45
“DAT or DLT? Distributed Automation Technology and the Future of Financial Market Infrastructure”
Presenter: Robert Sams, CEO, Founder, Clearmatics

Settlements, Derivatives & Cross-border Payments

09:45 - 10:30
Settlement Chain Architecture Using Permissioned Distributed Ledgers
Presenters: Michele Curtoni, Strategy Manager, Global Technology Innovation & Moiz Kohari, Group Head of Technology Innovation, London Stock Exchange

• London Stock Exchange Group experience in distributed ledgers technologies
• Areas of potential application within the European market infrastructure
• Considerations of innovation in regulated environments

10:30 - 11:00
Morning Break and Networking Opportunities
11:00 - 11:45
Post-Trade Settlements, Derivatives & Cross-border Payments Panel

- Discuss the pros and cons of DLT for settlements and how it could remove the reliance of intermediaries for clearing.
- Can a Decentralized Clearing Network be better than a Centralized Counterparty?
- Potentially what else can be shared and decentralized?
  - Execution, Settlement?
  - Even the Order Book?
- Could the use of distributed ledger technology harmonise the regulatory difficulties on the world derivatives markets?
- Will distributed ledger technology advancements include reduced collateral requirements?
- What are the pain points for collateral management that distributed ledgers could potentially address?
- The threat of disintermediation: will clearing and settlement services become obsolete?
- Facilitating the sharing economy: what will be the impact on P2P financial products?
- Decentralised autonomous organizations: will this be the future? Who will benefit?
- Will Distributed ledger technology accelerate the move to a cashless society?

Moderator:
- **Massimo Morini**: Head of Interest Rates, Credit and Inflation Models, **Gruppo Intesa Sanpaolo**

Panel:
- **Michele Curtoni**: Strategy Manager, Global Technology Innovation, **London Stock Exchange**
- **Fabian Vandenreydt**, Global Head of Securities Markets, **Innotribe & The SWIFT Institute, SWIFT**
- **Simon Taylor**: Co-Founder / Director, **Blockchain at 11:FS**
- **Adam Furgal**: Director, R3 Global Collaborative Lab, **R3 CEV**
- **Hugh Madden**: Co-Founder and CTO, **ANX INTERNATIONAL**

Distributed Ledger Regulations & Compliance

11:45 - 12:30
Distributed Ledger Regulations & Compliance

**Presenter:** Siân Jones, Founder, **European Digital Currency & Blockchain Technology Forum**

12:30 - 13:30
Lunch

13:30 - 14:15
Do KYC Utilities Need to Eat Themselves to Remain Relevant?

**Presenter:** Ross Breadmore: Associate Director – Innovation, **Synechron**

- How distributed ledgers dis-intermediate KYC
- Potential blockers to this including availability of third party data and regulatory acceptance
- The opportunity for KYC utilities, step they must consider to survive
- How Synechron is helping Dun & Bradstreet explore distributed ledgers for KYC
14:15 - 15:00
Distributed Ledger Regulations & Compliance Panel

- What are the potential compliance, operational, legal and regulatory implications of Distributed Ledger Technology?
- Discuss how a streamlined clearing and settlements using distributed ledger technology could help to overcome regulatory hurdles and future challenges
- In the ever changing regulatory and compliance environment what do we expect from the regulators regarding cryptocurrencies and the Blockchain?
- How will the regulators initially deal with DLT innovation?
- Discuss how DLT might enhance, influence or hinder the regulators.
- Should regulators agree or not? DCN as the perfect Trade Repository
- Could DLT help the regulators to foresee the next potential crisis, and how to react?
- Will DLT technology radically change the regulatory landscape?

Moderator:

- Siân Jones, Founder, European Digital Currency & Blockchain Technology Forum

Panel:

- Nicole Sandler, Vice President, Regulatory Policy, Barclays
- Benjamin Whitby: Global Regulatory Compliance GBM & CMB, Global Risk, HSBC Bank
- Tomaso Aste, Head, Financial Computing and Analytics Group, Director of UCL Centre for Blockchain Technologies Director, MSc Financial Risk
- Ross Breadmore: Associate Director – Innovation, Synechron

15:00 - 15:15
Afternoon Break and Networking Opportunities

15:15 - 16:00
Sandbox - Friend or Foe?

Presenter: Nicole Sandler, Vice President, Regulatory Policy, Barclays

- What is Project Innovate?
- The FCA’s sandbox consultation
- The Regulatory Sandbox
- The Virtual/Industry Sandbox
- The Umbrella Company Sandbox
- Other jurisdictions following the FCA’s lead –including MAS and the US

16:00 - 16:45
Algorithmic Regulation and Compliance with Blockchain

Presenter: Tomaso Aste, Head, Financial Computing and Analytics Group, Director of UCL Centre for Blockchain Technologies Director, MSc Financial Risk

Abstract
I will discuss the design of systems that record encrypted, unchangeable, time-stamped data on the blockchain and retrieve them securely for automatic compliance and algorithmic regulation purposes via smart contracts.
Blockchains are new technology layers that rewire the Internet and threaten to side-step older legacy constructs and centrally served businesses. At its core, a blockchain injects trust into the network, cutting off some intermediaries from serving that function and creatively disrupting how they operate. Metaphorically, blockchains are the ultimate non-stop computers. Once launched, they never go down, and offer an incredible amount of resiliency, making them dependable and attractive for running a new generation of decentralized services and software applications.

The Business Blockchain charts new territory in advancing our understanding of the blockchain by unpacking its elements like no other before. William Mougayar anticipates a future that consists of thousands, if not millions of blockchains that will enable not only frictionless value exchange, but also a new flow of value, redefining roles, relationships, power and governance. In this book, Mougayar makes two other strategic assertions. First, the blockchain has polymorphic characteristics; its application will result in a multiplicity of effects. Second, we shouldn't ask ourselves what problems the blockchain solves, because that gives us a narrow view on its potential. Rather, we should imagine new opportunities, and tackle even more ambitious problems that cross organizational, regulatory and mental boundaries.

Just as the Internet created new possibilities that we didn't foresee in its early years, the blockchain will give rise to new business models and ideas that may still be invisible. Following an engaging Foreword by Vitalik Buterin, this book is organized along these 7 chapters:

1. What is the Blockchain?
2. How Blockchain Trust Infiltrates
3. Obstacles, Challenges & Mental Blocks
4. Blockchain in Financial Services
5. Lighthouse Industries & New Intermediaries
6. Implementing Blockchain Technology
7. Decentralization as the Way Forward


**Author: William Mougayar**

William Mougayar is general partner at Virtual Capital Ventures, an early stage tech fund. He is on the board of directors of OB1, the OpenBazaar open source protocol that is pioneering decentralized peer-to-peer commerce; a special advisor to the Ethereum Foundation; a member of OMERS Ventures board of advisors; an advisory board member to the Coin Center; and founder of Startup Management.

William Mougayar has been described as the most sophisticated blockchain business thinker. He is a blockchain industry insider whose work has already shaped and influenced the understanding of blockchain for people around the world, via his generous blogging and rigorous research insights.

Follow William Mougayar on twitter: [@wmougayar](http://twitter.com/wmougayar)
Brave New Coin (BNC) is a Data & Research company who has built a superior Market-Data Engine for the Blockchain & Digital Equities industry. We collect, process & index live data from over 100 trading platforms in real-time to produce a number useful data tools for Developers, Traders & Enterprise.

Clearmatics is developing the next-generation clearing machines for financial OTC markets. Our blockchain platform brings together custodians and end-users on a single platform, where members can settle securities trades and automate the performance of derivatives and other financial contracts using our Decentralised Clearing Network (DCN) technology.

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EDCAB - European Digital Currency & Blockchain Technology Forum is a public policy platform for virtual currencies and distributed ledger technology.

Our aim is to help shape a sound regulatory and policy agenda for virtual currencies and distributed ledger technology in the European Union. We engage with EU policymakers, legislators and key stakeholders on live and upcoming issues, addressing both challenges and opportunities.

EDCAB’s founder, Siân Jones, is a regulatory compliance professional specialising in digital currencies and blockchain. She has briefed national and EU legislators, spoken at Commission workshops and roundtables, and was one of three stakeholder representatives asked to address the European Parliament public hearing on virtual currencies in January 2016.

EDCAB is at Rue Chaires Martel, 6-8, 1000 Brussels, Belgium and can be reached using our contact form or by phone: +32 2 588 7232.

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https://bitcoinmagazine.com/

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