

TECH & OPS CONFERENCE

5-6 October 2022, Hybrid | Singapore
#ASIFMATechOps2022

DAY 1 – Wednesday, 5 October
IN-PERSON EVENT WITH LIVE STREAMING ACCESS

TECHNOLOGY AND INNOVATION IN CAPITAL MARKETS

09:00 – 17:00

PLENARY SESSION: 09:00 – 13:30

Opening Keynote

Panel 1:

Digitalisation and Innovation in Capital Markets – a State of Play

Panel 2:

Public Cloud Adoption in Capital Markets:
Opportunities and Roadblocks

Panel 3:

Leveraging the Power of Data to Drive Digitalisation in Capital Markets

Keynote: Bigtech / Visionary

12:30 – 13:30 Networking & Lunch and Learn

AFTERNOON BREAK-OUT SESSIONS 13:30 – 16:45

STREAM A: Zooming in on Digital Assets

Session A1: Digital Assets: The Regulatory Environment

Session A2: Digital Assets Adoption and Take-up in Capital Markets & the Intersection with TradFi

Session A3: Stablecoins

Session A4: DeFi

Closing remarks

STREAM B: Bringing Digitalisation to Life: Use Cases and Case Studies & Lessons Learned

Session B1: Cloud Adoption in Capital Markets

Session B2: AI Adoption in Capital Markets

Session B3: Tokenised Securities and Leveraging DLT in Capital Markets

Session B4: Future of work: Operating in a Hybrid Working Environment

Closing remarks

17:00 – 18:30 Sponsored Networking drinks

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DAY 2 – Thursday, 6 October
VIRTUAL ACCESS ONLY

OPERATIONAL OUTLOOK, RESILIENCE AND ESG

12:30 – 17:00

Opening Keynote

Panel 1:

Implementing Operational Resilience in APAC

Panel 2:

Outsourcing / Critical Third Parties

Panel 3:

Greentech and Operationalising ESG

Panel 4:

CBDCs: Capital Markets Considerations

Panel 5:

The Evolving Cyber Threats and Regulatory Landscape

Closing Keynote

At ASIFMA, we are committed to ensuring **diversity and inclusion** in our workplace and this policy is applied in all areas of our business including speaker roles at our events and conferences. We wish to work with members and partners who share this same commitment and are willing to support this policy.

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DAY 1 | WEDNESDAY | 5 OCTOBER

TECHNOLOGY AND INNOVATION IN CAPITAL MARKETS

Hybrid Conference | Fairmont, 80 Bras Basah Road, 189560, Singapore

08:30-09:00 Registration – Stamford Foyer, Level 2

09:00-09:05 **Welcome Remarks**
Alice Law, CEO, ASIFMA

09:05-09:10 **Opening Remarks**
Laurence Van der Loo, Executive Director – Tech & Ops, ASIFMA

09:10-09:25 **Opening Keynote**

09:25-10:10 **Panel 1: Digitalisation and Innovation in Capital Markets – a State of Play**

- Megatrends and new technology developments in capital markets
- How to deliver change while supporting stability?
- How are firms managing tech resilience?
- How to ensure integration of innovative solutions in the existing capital markets ecosystem?

Panelist:

Laurence Thiery, Head of Financial Services, Asia, Amazon Web Services
Puay Hwa Ling, MD, Group Information Technology Manager, Treasury & Markets, DBS
Jennifer Peve, Managing Director, Head of Strategy and Business Development, DTCC
Whikie Liu, Director, Capital Markets Strategy, SWIFT

Moderator: Zennon Kapron, Founder and Director, KapronAsia

10:10-10:40 **Morning Refreshment Break**

10:40-11:25 **Panel 2: Public Cloud Adoption in Capital Markets – Opportunities and Roadblocks**

- Benefits and opportunities for cloud adoption in capital markets, what are the use cases?
- What are the current regulatory approaches in the region and globally?
- How do firms move from legacy systems to cloud and what are the practical operational challenges?
- How to drive interoperability and data portability in a cloud environment?

Panelists:

Peter Shen, Head of Innovation and Market Data, Eastspring Investments
Stuart Houston, Director, APAC Financial Services, Google Cloud
Kevin O'Leary, Managing Director & APAC Regional CISO, JP Morgan Chase & Co
Anthony Hodge, Head, Cloud Governance and Product Owner, Standard Chartered Bank

Moderator: Rhys McWhirter, Partner, Head of Technology, Asia, Eversheds Sutherland

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11:25-12:10 Panel 3: Leveraging the Power of Data to Drive Digitalisation in Capital Markets

- What is the role of data in digitising capital markets?
- How to transform into a data-driven organisation and how to incubate a data driven culture?
- What are the implications of open banking and data sharing (including for data privacy and security) and how to address these?
- Importance of data for regulatory reporting, innovation, AI adoption, regtech adoption
- Can we move to a regional/global standard?

Panelists:

Guy Sheppard, General Manager for Financial Services, Aboitiz Data Innovation

Christopher Vera, Director, OMNI Digital Services, Asia Pacific, Bank of New York Mellon

Sigrid Rouam, Head of Data Science & Analytics, Data Distribution & Reporting, Credit Suisse

Victoria Harverson, Global Head of Business Development, SmartStream Air, SmartStream

Moderator: Alice Law, CEO, ASIFMA

12:10-12:30 Keynote: Bigtech / Visionary

12:30-13:30 Networking Lunch

AFTERNOON BREAK-OUT SESSIONS

STREAM A: Zooming in on Digital Assets

13:30-14:10 Session A1: Digital Assets: The Regulatory Environment

- ASIFMA Digital assets regulatory framework mapping
- Overview of the emerging regulatory approaches
- How to ensure a globally consistent regulatory framework?
- How to balance innovation and customer protection & financial stability?

Panelist:

Lena Ng, Partner, Clifford Chance

Adrian Chng, Founder & CEO, Fintonia Group

John Ho, Co-Head of Financial Markets, Wholesale Banking, Legal, Standard Chartered Bank

Irfan Ahmed, Vice President, APAC Product Lead – Digital Assets & Technologies, Statestreet Digital

14:10-14:50 Session A2: Digital Assets Adoption and Take-up in Capital Markets & the Intersection with TradFi

- Institutional considerations for entering crypto markets
- Which services are traditional capital market participants venturing into (eg custody, brokerage, private asset digitisation, tokenised securities). Where is the demand and how are FIs responding?
- What are the benefits of blockchain in capital markets and of tokenising securities?

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- How DLT is being integrated by banks and any impacts to the system architecture internally or externally?
- How are traditional financial services or and established digital assets firms work together to institutionalise digital assets
- What are the remaining regulatory, technology and ecosystem challenges for the adoption of tokenised securities?
- What will be the trigger point for mass adoption? What do you anticipate the end state will be?
- Traditional vs crypto: market abuse risks & surveillance approaches
- What can the traditional market participants learn from the new players and vice versa?

Panelists:

Vince Turcotte, Director, Digital Assets, Asia Pacific, Eventus

Rajeev Tummala - ASEAN Head of Securities Services (Interim); Director, Digital & Data, Securities Services, HSBC Singapore

Sriram Chakravarthi - Head, Regulatory Affairs & Industry Engagement, Marketnode

Simona Catanescu, Director of Securities Strategy, SWIFT

14:50-15:20 Afternoon Refreshment Break

15:20-16:00 Session A3: Stablecoins

- How are stablecoins different from cryptocurrencies and CBDCs?
- What is the main motivation to issue stablecoins?
- What is their use case?
- What would be the suggested governance arrangements (including blockchain governance, settlement mechanism, KYC etc)
- The role of stablecoins as a linkage between TradFi and DeFi
- How should stablecoins be regulated?

Panelists:

U-Zyn Chua, Co founder & CTO, Cake Defi

Boon-Hiong Chan, Global Head Fund Services & Head APAC Securities Market & Technology Advocacy, Deutsche Bank

Julian Kwan, CEO and Co-founder, InvestaX

16:00-16:40 Session A4: DeFi

- Functions of DeFi infrastructure including smart contracts, decentralised applications, oracles and stablecoins
- What are the problems that DeFi is trying to solve?
- DeFi use-cases including credit/lending, decentralised exchanges, derivatives and tokenisation.

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- DeFi related risks and compensating controls, including smart-contract risk, governance risk, oracle risk, scaling risk, DEX risk and regulatory risk
- How should DeFi be regulated?
- Scalability, interoperability and adoption issues and solutions
- ASIFMA DeFi principles

Panelists:

Ben Wee, Vice President, Crypto.com Capital

Danny Chong, Co-founder, Tranchess

Chuan-Ji Lim, APAC Strategic Development Lab, UBS

Moderator: Hock Lai Chia Co-chairman, Blockchain Association Singapore

16:40-16:45 **Closing Remarks: Stream A**

17:00-18:30 **Sponsored Networking drinks**

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AFTERNOON BREAK-OUT SESSIONS

STREAM B: Bringing Digitalisation to Life – Use Cases & Case Studies

- 13:30-14:10** **Session B1: Cloud Adoption in Capital Markets: Case Studies, Lessons Learned**
- 14:10-14:50** **Session B2: AI Adoption in Capital Markets: Case Studies, Lessons Learned**
Presenter:
Fengzi Li, Lead Data Scientist, Bank of New York Mellon
- 14:50-15:20** **Afternoon Refreshment Break**
- 15:20-16:00** **Session B3: Tokenised Securities and Leveraging DLT in Capital Markets: Case Studies, Lessons Learned**
Presenter:
Oi-Yee, CEO, ADDX
- 16:00-16:40** **Session B4: Future of Work: Operating in a Hybrid Working Environment**
Presenter:
Fatema Bookwala, Chief Operating Officer, Markets and Securities Services, ASEAN, HSBC
- 16:40-16:45** **Closing Remarks: Stream B**
- 17:00-18:30** **Sponsored Networking drinks**

DAY 2 | Virtual Event THURSDAY | 6 OCTOBER – OPERATIONAL OUTLOOK, RESILIENCE AND ESG –

- 12:30-12:35** **Welcome Remarks**
Laurence Van der Loo, Executive Director – Tech & Ops, ASIFMA
- 12:35-12:40** **Opening Remarks**
- 12:40-12:55** **Opening Keynote**
Julia Leung, Deputy Chief Executive Officer, and Executive Director Intermediaries, Securities and Futures Commission (SFC), Hong Kong

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12:55-13:40 Panel 1: Implementing Operational Resilience in APAC

- Updates on relative policy work at the level of the global standard-setting bodies and international organization
- How authorities and firms are implementing operational resilience policies, including the BCBS principles, early lessons learned, degree of consistency across firms and jurisdictions, measuring areas of success, and meeting supervisory expectations?
- Adapting to operational disruptions due to COVID-19 pandemic (including ongoing effects like remote working), geopolitical risks
- Challenges FIs are facing when implementing both global and local frameworks in Asia jurisdictions

Panelists:

Brandon Lim, Head of Security Assurance (Regulated Sectors), APAC, Amazon Web Services
Raymond Chan, Executive Director, Banking Supervision, Hong Kong Monetary Authority

13:40-14:25 Panel 2: Outsourcing / Critical Third Parties

- How are regulators and firms assessing and addressing the risk posed by critical parties?
- What are some of the emerging regulatory approaches?
- What is the view of the critical third parties?
- How are FIs navigating a fragmented regulatory landscape?

Panelists:

Rhys McWhirter, Partner, Head of Technology, Asia, Eversheds Sutherland
Cliff Bullock, Regional Head of Operations, Asia Pacific, Invesco
Janice Goh, Partner, Cavenagh Law LLP
Boris Augustinov, Policy Officer, Digital Finance Unit, DG FISMA, European Commission
Vincent Loy, Assistant Managing Director, Technology Group, Monetary Authority of Singapore

Moderator: Laurence Van der Loo, Executive Director – Tech & Ops, ASIFMA

14:25-15:10 Panel 3: Greentech and Operationalising ESG

- How can tech support ESG goals?
- How can data support ESG initiatives?
- How are ESG considerations shaping the implementation, development and use of new technologies?

Panelists:

Helena Fung, Head of Sustainable Investing, Asia Pacific, FTSE Russell, an LSEG Business
Benjamin Soh, Managing Director, STACS

Moderator: Diana Parusheva-Lowery, Executive Director, Public Policy and Sustainable Finance, ASIFMA

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15:10-15:25 Keynote address
Yuan Lyu, Director of the Innovation Division, the Digital Currency Institute, The People's Bank of China

- 15:25-16:15 Panel 4: CBDCs: Capital Markets Considerations**
- Impact of CBDCs on traditional capital markets participants
 - Conditions needed for CBDCs to be a major benefit in wholesale markets
 - Considerations concerning the design, issuance and legal status of wCBDCs
 - What is needed to enable globally interoperable CBDCs for cross-border payments in the wholesale space
 - Use cases for wCBDCs in capital markets
 - Overview of recent CBDC developments in the regional and globally

Panelists:

Benedicte Nolens, Head, BIS Innovation Hub

Felix Yip, Global Head of Digital Assets Engineering, Goldman Sachs

Nick Drury, Director of the Mojaloop CBDC Center of Excellence, Mojaloop Foundation

Tetsuya Inoue, Senior Researcher, Financial Market & Digital Business Research Department, NRI

Moderator: John Ball, Managing Director, Global FX Division, GFMA

- 16:15-17:00 Panel 5: The Evolving Cyber Threats and Regulatory Landscape**
- Evolving threat landscape
 - Harmonising and facilitating regulatory compliance
 - The role of the Financial Sector Cybersecurity Profile
 - Thoughts on establishing an efficient firm-led penetration testing framework
 - Incident reporting: fragmentation challenges and proposed solutions

Panelists:

Nan Maguire, Head of Information Security, Privacy and Resilience APAC, abrdn

Natsuko Inui, Regional Director for Japan and East Asia, FS-ISAC

David Leach, Managing Director, JP Morgan Chase

Moderator: Julian Gordon, VP, Asia Pacific, Hyperledger Foundation, and Open SFF, Linux Foundation, APAC

17:00-17:10 Closing Keynote
Eva Hupkes, Head of Regulatory and Supervisory Policies, Financial Stability Board

17:10-17:20 Closing Remarks