### 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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**OPERATIONAL OUTLOOK, RESILIENCE AND ESG**

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**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**
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

09:10-09:25 Opening Keynote

09:25-10:10 Panel 1: Digitalisation and Innovation in Capital Markets – a State of Play
• What are some of the 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:
Victor Alexiev, Director, Global Head of incubation (D10x), Citi Ventures
Jennifer Peve, Managing Director, Head of Strategy and Business Development, DTCC

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
• What are the 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:
Anthony Hodge, Head, Cloud Governance and Product Owner, Standard Chartered Bank

Moderator: Rhys McWhirter, Partner, Head of Technology, Asia, Eversheds Sutherland
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, Aboitiz Data Innovation
Dr Sigrid Rouam, Head of Data Science & Analytics, Data Distribution & Reporting, Credit Suisse
Victoria Harverston, Global Head of Business Development, SmartStream Air, Smartstream

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:
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

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.
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?
- 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

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?

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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?
- Different DeFi use-cases, e.g., Credit/ Lending, Decentralised Exchanges, Derivatives and Tokenisation.
- 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:
Dan Liebau, Capital Chief Investment Officer, Modular Blockchain Fund, Modular Asset Management

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

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

17:00-18:30  Sponsored Networking drinks

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

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

16:00-16:40  Session B4: Future of Work: Operating in a Hybrid Working Environment

16:40-16:45  Closing Remarks: Stream B

17:00-18:30  Sponsored Networking drinks
2022 Tech & Ops Conference
DAY 2 | THURSDAY | 6 OCTOBER
OPERATIONAL OUTLOOK, RESILIENCE AND ESG
Virtual Event

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

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, AWS
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
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
Dan Liebau, Capital Chief Investment Officer, Modular Blockchain Fund, Modular Asset Management
**Moderator:** Diana Parusheva-Lowery, Executive Director, Public Policy and Sustainable Finance, ASIFMA

15:10-16:05  **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
Nick Drury, Director of the Mojaloop CBDC Center of Excellence, Mojaloop Foundation
Ms. Yuan Lyu, Director of the Innovation Division of the Digital Currency Institute, The People’s Bank of China

16:05-16:50  **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:**
Christophe Barel, Managing Director, FS-ISAC Asia Pacific
16:50-17:05  Closing Keynote

17:05-17:15  Closing Remarks

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