

# TECH & OPS CONFERENCE

5-6 October 2022, Hybrid | Singapore  
#ASIFMATechOps2022

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

**MORNING SESSION: DIGITALISATION IN CAPITAL MARKETS**  
**09:00 – 12:45**

**Opening Remarks**

**Morning Panel 1:**

Digitalisation and Innovation in Capital Markets – a State of Play

**Morning Panel 2:**

Public Cloud Adoption in Capital Markets: Opportunities and Roadblocks

**Morning Panel 3:**

Leveraging the Power of Data to Drive Digitalisation in Capital Markets

**Morning Panel 4:**

Digital Assets: The Regulatory Environment

**12:45 – 13:45    Networking Lunch**

**AFTERNOON SESSION: ZOOMING IN ON DIGITAL ASSETS**  
**13:45 – 17:15**

**Afternoon Panel 1:**

Digital Assets Adoption and Take-up in Capital Markets and the Intersection with TradFi

**Afternoon Panel 2:**

Stablecoins

**Afternoon Panel 3:**

DeFi

**Afternoon Panel 4**

Case Studies: Tokenised Securities and Leveraging DLT in Capital Markets

**Closing Remarks**

**17:15 – 18:15    Networking Drinks**

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DAY 2 – Thursday, 6 October  
VIRTUAL ACCESS ONLY

OPERATIONAL OUTLOOK, RESILIENCE AND ESG

12:35 – 17:15

**Welcome and Opening Remarks**

**Opening Keynote**

**Panel 1:**

Implementing Operational Resilience in APAC

**Panel 2:**

Outsourcing / Critical Third Parties

**Panel 3:**

Greentech and Operationalising ESG

**Afternoon Keynote**

**Panel 4:**

CBDCs: Capital Markets Considerations

**Panel 5:**

The Evolving Cyber Threats and Regulatory Landscape

**Closing Keynote**

**Closing Remarks**

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**

**08:30-08:55**     **Registration** – Stamford Foyer, Level 2

**09:00-09:05**     **Opening Remarks**  
Laurence Van der Loo, Executive Director – Tech & Ops, ASIFMA

**09:05-09:10**     **Welcome Remarks**  
Alice Law, CEO, ASIFMA

**09:10-10:00**     **Morning Panel 1: Digitalisation and Innovation in Capital Markets – a State of Play**

- What are 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?

**Panelists:**

Laurence Thiery, Head of Financial Services, Asia, Amazon Web Services  
Puay Hwa Ling, MD, Head of Investment & Trading Technology, DBS  
Jennifer Peve, Managing Director, Head of Strategy and Business Development, DTCC  
Sharon Toh, Head of ASEAN Region, SWIFT

**Moderator:** Zennon Kapron, Founder and Director, KapronAsia

**10:00-10:45**     **Morning 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  
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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**10:45-11:15 Refreshment Break**

**11:15-12:00 Morning Panel 3: Leveraging the Power of Data to Drive Digitalisation in Capital Markets**

- What is the role of data in digitalising 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 data privacy and security) and how to address these?
- What is the 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

Duncan Cooper, Head of Omni Digital Services, BNY Mellon

Sigrid Rouam, Global Head of Data Science and Analytics, Credit Suisse

**Moderator:** Alice Law, CEO, ASIFMA

**12:00-12:45 Morning Panel 4: Digital Assets: The Regulatory Environment**

- Overview of the emerging regulatory approaches
- How to ensure a globally consistent regulatory framework?
- How do you balance innovation, customer protection and financial stability?

**Panelists:**

Lena Ng, Partner, Clifford Chance

John Ho, Head of Legal, Financial Markets, Standard Chartered Bank

Irfan Ahmad, APAC Product Lead, State Street Digital

**Moderator:** Adrian Chng, Founder & CEO, Fintonia Group

**12:45-13:45 Networking Lunch**

**13:45-14:35 Afternoon Panel 1: Digital Assets Adoption and Take-up in Capital Markets and the Intersection with TradFi**

- What are the institutional considerations for entering crypto markets?
- Which services are traditional capital market participants venturing into (eg custody, brokerage, private asset digitalisation, 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 is DLT being integrated by banks and what are the impacts to the system architecture internally and externally?
- How are traditional financial services and established digital assets firms working together to institutionalise digital assets?
- What will be the trigger point for mass adoption? What will the end state be?

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- Traditional vs crypto: market abuse risks and surveillance approaches
- What can 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

Damien Fontanille, Institutional Sales, Societe Generale FORGE

**Moderator:** Whikie Liu, Director, Capital Markets Strategy, SWIFT

## 14:35-15:25 Afternoon Panel 2: Stablecoins

- How are stablecoins different from cryptocurrencies and CBDCs?
- What is the main motivation to issue stablecoins?
- What is their use case?
- 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:

Andrew McCormack, Centre Head, Singapore, Bank for International Settlements Innovation Hub (BISIH)

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

**Moderator:** Yixiang Zeng, Southeast Asia correspondent, Thomson Reuters

## 15:25-15:55 Refreshment Break

## 15:55-16:40 Afternoon Panel 3: 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
- 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

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## 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 -17:10: Afternoon Panel 4: Case Studies; Tokenised Securities and Leveraging DLT in Capital Markets

### Presenters:

Oi-Yee Choo, CEO, ADDX

David Z Wang, Co-founder, Group CEO, Helicap

Yongchuan Pan, Portfolio Manager, Ternary Fund Management

**Moderator:** Emir Hrnjic, Academic Director, UCLA-NUS Executive MBA Program,  
Head of FinTech Training, Asian Institute of Digital Finance, NUS Business School

## 17:10-17:15 Closing Remarks

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

## 17:15-18:15 Networking Drinks

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

## 12:35-12:40 Opening Remarks

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

## 12:40-12:55 Opening Keynote

Julia Leung, Deputy Chief Executive Officer, Executive Director Intermediaries, Securities and Futures Commission (SFC), Hong Kong

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

- Updates on relative policy work of global standard-setting bodies
- How are authorities and firms implementing operational resilience policies including the BCBS principles, early lessons learned, consistency across firms/jurisdictions, measuring areas of success, and meeting supervisory expectations?

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- Adapting to operational disruptions due to COVID-19 pandemic including remote working and geopolitical risks
- Challenges FIs are facing when implementing global and local frameworks in Asia jurisdictions

**Panelists:**

Brandon Lim, Head of Security Assurance (Regulated Sectors), APAC, Amazon Web Services

Cliff Bullock, Regional Head of Operations, Asia Pacific, Invesco

Raymond Chan, Executive Director, Banking Supervision, Hong Kong Monetary Authority

**Moderator:** Janice Goh, Partner, Cavenagh Law LLP, Clifford Chance Asia

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

- How are regulators and firms addressing the risk posed by critical third 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:**

Frankie Tam, Of Counsel, Eversheds Sutherland

Vincent Loy, Assistant Managing Director, Technology Group, Monetary Authority of Singapore

Mark Morris, Global Head of Business Development, Managed Services, SmartStream

**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:**

Tamara Singh, Citi - D10X team, Institutional Clients Group, Citi

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

**15:10-15:25 Keynote address**

Yuan Lyu, Director of the Innovation Division, Digital Currency Institute, The People's Bank of China

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## 15:25-16:15 Panel 4: CBDCs: Capital Markets Considerations

- Impact of CBDCs on traditional capital market participants
- What are the 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 region and globally

### Panelists:

Benedicte Nolens, Centre Head, Hong Kong, Bank for International Settlements Innovation Hub (BISIH)

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

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

Douglas W. Arner, Kerry Holdings Professor in Law, University of Hong Kong

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

## 16:15-17:00 Panel 5: The Evolving Cyber Threats and Regulatory Landscape

- What is the 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, Cybersecurity and Technology Controls, JP Morgan Chase

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

## 17:00-17:10 Closing Keynote

Eva Hüpkes, Head Regulatory and Supervisory Policies at Secretariat, Financial Stability Board

## 17:10-17:15 Closing Remarks

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