

## AGENDA **DAY 1 – Tuesday 9 September** 12:00 – 20:00 CEST

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12:00 – 13:10 **Welcome lunch**

Floor 1 - Networking area

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13:10 – 13:15 **Opening of the BIS Innovation Summit 2025**

Master of ceremony

**Stephanie Haffner**

Adviser, BIS Innovation Hub

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13:15 – 13:30 **Welcome remarks**

**Andréa M Maechler**

Deputy General Manager and Acting Head of the BIS  
Innovation Hub, Bank for International Settlements

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13:30 – 13:50 **Keynote speech:**  
**Future-proofing central banks**

**Joachim Nagel**

President, Deutsche Bundesbank

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13:50 – 14:35 **High-level panel discussion:**  
**Future-proofing central banks**

Central banks need to adopt forward-thinking strategies and incorporate various essential aspects such as technological integration, regulatory challenges, financial inclusion, sustainability, and collaboration. This sets the stage for a comprehensive discussion on how central banks can stay ahead of the curve and effectively manage the complexities of the future financial environment.

**Panellists**

**Martin Schlegel**

Chairman of the  
Governing Board,  
Swiss National Bank

**Eddie Yue**

Chief Executive,  
Hong Kong Monetary  
Authority

More to be  
announced

**Moderator**

**Andréa M Maechler**

Deputy General Manager,  
Bank for International  
Settlements

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14:35 – 15:20 **Coffee & networking break**  
**+ BIS Innovation Hub project posters exhibition**

Floor 1 - Networking area

15:20 - 16:05

**Panel discussion:**  
**Collaborating for a stable financial system  
in an era of rapid technological change**

This session will examine cross-border collaboration's role in driving innovation and tackling global financial challenges. Topics include partnerships with regulators, academia, and industry, enhancing oversight, and knowledge sharing.

**Panellists**

**Talal Alhumoud**  
Assistant Governor  
for Monetary  
Affairs, Saudi  
Central Bank  
[SAMA]

**Aino Bunge**  
Deputy Governor  
Sveriges Riksbank

**José Luís Calderón**  
CEO, PagoNxt

More to be  
announced

**Moderator**

**Gaston Gelos**  
Deputy Head of the  
Monetary and Economic  
Department and Head of  
Financial Stability Policy,  
Bank for International  
Settlements

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16:05 - 16:35

**Connecting the dots:**  
**Fighting financial crimes**

This session explores how the BIS Innovation Hub is addressing financial crime through technological innovation and cross-sector collaboration. Drawing on projects Mandala, Aurora and Hertha, it presents a technology stack aimed at strengthening the integrity of financial systems. The discussion will highlight the importance of an integrated ecosystem, privacy-preserving data sharing and behavioural insights, and offer a forward-looking view on how upcoming projects such as Polaris and Raven could help build a more comprehensive framework for financial crime prevention.

Projects:

- Aurora
- Hertha
- Mandala

**Speakers**

**Maha El Dimachki**  
Head of the Innovation Hub  
Singapore Centre, Bank for  
International Settlements

**Francesca Hopwood Road**  
Head of the Innovation Hub  
London Centre, Bank for  
International Settlements

**Beju Shah**  
Head of the Innovation Hub  
Toronto Centre, Bank for  
International Settlements

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16:35 - 17:15

**Coffee & networking break**  
**+ BIS Innovation Hub project posters exhibition**

Floor 1 - Networking area

17:15 - 17:45

**Fireside chat:****Realising innovation: paths to maturity  
for new models and technologies**

This session explores how central banks can move beyond feasibility to address questions of viability. While many initiatives still focus on whether something can be done, the conversation is evolving toward whether it should be done and how to do it effectively. The discussion will consider what it takes to move toward implementation, particularly when new technologies enable alternative operational models.

**Speakers**

**François Villeroy de Galhau**  
Governor,  
Bank of France

**Moderator**

**Sarah Breeden**  
Deputy Governor,  
Bank of England

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17:45 - 18:00

**Closing of Day 1****Master of ceremony**

**Stephanie Haffner**  
Adviser, BIS Innovation Hub

## **AGENDA DAY 2 – Wednesday 10 September**

### **08:00 – 18:00 CEST**

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**08:00 – 09:00** **Welcome coffee**

Floor 1 - Networking area

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**09:00 – 09:05** **Opening of the second day**

Master of ceremony

**Henry Holden**

Adviser, BIS Innovation Hub

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**09:05 – 09:25** **Keynote speech**

**Pablo Hernández de Cos**

General Manager, Bank for  
International Settlements

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**09:25 – 10:10** **Panel discussion:**

**AI in central banking: enhancing policy & risk management**

*Real-world AI use cases in monetary policy, compliance, and supervision*

This panel will explore how AI is transforming central banking, from enhancing monetary policy through data analysis and real-time monitoring to applications in RegTech and SupTech, such as automated compliance and fraud detection. It will also examine AI's role in financial stability, risk management, and payments, as well as strategies for flexible integration, including continuous learning and stakeholder engagement.

**Panellists**

**Rashad Cassim**

Deputy Governor,  
South African  
Reserve Bank

**Peter Gallagher**

Chief Representative  
of the European  
Office, Reserve Bank  
of Australia

**Lewis Liu**

Chief AI Officer,  
Sirion Labs and  
Exited-Founder/CEO  
of Eigen  
Technologies

More to be  
announced

**Moderator**

**Hyun Song Shin**

Economic Adviser and  
Head of the Monetary  
and Economic  
Department,  
Bank for International  
Settlements

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**10:10 – 10:50** **Coffee & networking break**  
**+ BIS Innovation Hub project posters exhibition**

Floor 1 - Networking area

10:50 - 11:20

**Fireside chat:****Human capital: future skills for central banking**

*How central banks must adapt to technological shifts, including the rise of AI*

This session will explore how labour input can be understood through the lens of human capital, beyond traditional measures such as headcount or hours worked. It will consider the role of investments in education, on the job training, and familiarity with the economic system in shaping productivity. The discussion will also examine how emerging technologies, particularly AI, are reshaping skill requirements in central banking, influencing decision making, analysis and operational processes. Finally, it will look at how these factors affect not only individual output but also the efficiency of others through productive interactions in an increasingly technology driven environment.

**Speakers****Joseph B. Fuller**

Professor of Management Practice  
in General Management and  
Entrepreneurship, Harvard Business  
School

**Sunayna Tuteja**

Chief Innovation Officer, the  
Federal Reserve System

**Moderator****Karmela Holtgreve**

Deputy Head of the  
Innovation Hub,  
Bank for International  
Settlements

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11:20 - 11:45

**Fireside chat:****Ethical AI & public trust in decision making**

This session explores how ethical AI principles can be operationalised in financial decision-making systems, addressing the challenges of building trustworthy applications that balance public interest with technical and regulatory considerations.

**Speakers****Dawn Song**

Professor of Computer Science,  
University of California, Berkeley

**Moderator****Miguel Diaz**

Deputy Head of the  
Innovation Hub,  
Bank for International  
Settlements

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11:45 - 12:10

**Connecting the dots:****AI and big data in central banking**

This session explores how AI is transforming central banking functions through BIS Innovation Hub projects Spectrum, Neo and Insight, with speakers discussing AI applications in monetary policy, supervision, and regtech. The panel will share insights on implementation challenges, governance frameworks, and systemic impacts of AI adoption in central banking.

**Projects:**

- Spectrum
- Neo
- Insight

**Speakers****Raphael Auer**

Head of the Innovation Hub  
Eurosysteem Centre,  
Bank for International  
Settlements

**Morten Bech**

Head of the Innovation Hub  
Swiss Centre,  
Bank for International  
Settlements

**Bénédicte Nolens**

Head of the Innovation Hub  
Hong Kong Centre,  
Bank for International  
Settlements

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**12:10 - 13:30 Lunch & networking break**  
**+ BIS Innovation Hub project posters exhibition**

Floor 1 - Networking area

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**13:30 - 14:00 Fireside chat:**  
**BIS projects in action**

This fireside chat examines how central bank projects evolve from concepts to valuable insights and operational solutions. The session will highlight critical success factors that can inform future public-private collaboration in financial infrastructure.

**Speakers**

**Fritzi Köhler-Geib**  
Member of the  
Executive Board,  
Deutsche Bundesbank

**Daranee Saeju**  
Assistant Governor,  
Bank of Thailand

**Moderator**

To be announced

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**14:00 - 14:20 Keynote speech:**  
**Horizon Scanning: Navigating towards financial resilience**

**Claudia M. Buch**  
Chair, Supervisory Board, European Central Bank

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**14:20 - 14:45 Connecting the dots:**  
**The future of financial market infrastructures**

This session explores the convergence of financial market infrastructures and tokenisation through BIS Innovation Hub projects Promissa, Pine, and Aperta, examining their impact on digital financial systems evolution. The discussion will highlight challenges and opportunities of tokenisation technologies while offering forward-looking perspectives on how these initiatives are transforming financial infrastructure through distributed ledger technology and CBDC implementation.

**Projects:**

- Promissa
- Pine
- Aperta

**Speakers**

**Morten Bech**  
Head of the Innovation Hub  
Swiss Centre,  
Bank for International  
Settlements

**Bénédicte Nolens**  
Head of the Innovation Hub  
Hong Kong Centre,  
Bank for International  
Settlements

**Per von Zelowitz**  
Director of the New York  
Innovation Centre,  
Federal Reserve  
Bank of New York

14:45 - 15:10

**Connecting the dots:  
New Frontiers in Cybersecurity**

To explore how key projects: Polaris, FuSSE, and Leap II are contributing to a more secure and adaptable financial system. To share lessons from each project's journey, including how modular design and cryptographic agility can strengthen system resilience. To reflect on how a layered approach to cybersecurity, from infrastructure to encryption to digital money design, can help future-proof the financial system. To engage in a conversational exchange that connects strategic insights with practical takeaways for central banks preparing for emerging threats.

Projects:

- Polaris
- FuSSE
- Leap II

**Speakers****Beju Shah**

Head of the Innovation Hub  
Toronto Centre, Bank for  
International Settlements

**Raphael Auer**

Head of the Innovation Hub  
Eurosystem Centre, Bank for  
International Settlements

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15:10 - 15:45

**Coffee & networking break  
+ BIS Innovation Hub project posters exhibition**

Floor 1 - Networking area

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15:45 - 16:30

**Panel discussion:  
Perspectives on cross-border payments**

This high-level panel will bring together a diverse range of stakeholders to share strategies, insights and experiences in tackling the challenges of cross-border payments. The discussion will assess progress to date, identify key obstacles, and outline the necessary steps to accelerate advancements. Topics will include maximising interoperability between payment systems, including fast payment systems (FPSs) and the latest payment technology platforms, as well as sharing lessons on enhancing the safety and efficiency of cross-border transactions.

**Panellists****Stefan Ingves**

Chairman,  
Former Governor,  
Sveriges  
Riksbank

**Victoria Cleland**

Chief Cashier and  
Executive Director  
for Payments,  
Bank of England

More to be  
announced

**Moderator****Rodney Garratt**

Professor, Department  
of Economics, University  
of California at Santa  
Barbara

16:30 - 16:50 **Project Agora:**  
**Cross-border payments collaboration**

**Morten Bech**

Head of the Innovation Hub Swiss Centre,  
Bank for International Settlements

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16:50 - 17:20 **The role of competition in innovation and convening the ecosystem**  
**Lessons from the G20 TechSprint and Analytics Challenge**

The objective of this session is to highlight two flagship initiatives of the BIS Innovation Hub: the G20 TechSprint and the BIS Analytics Challenge. These challenge-based formats act as tools for horizon scanning and trend scouting, helping central banks identify emerging technologies and data-driven innovations. They rely on strong public-private partnerships to surface actionable insights and foster collaborative experimentation. The session will explore how such initiatives strengthen the wider Innovation Hub ecosystem and support strategic foresight within the central banking community.

**Speakers****Bénédicte Nolens**

Head of the Innovation Hub  
Hong Kong Centre, Bank for  
International Settlements

**Francesca Hopwood Road**

Head of the Innovation Hub  
London Centre, Bank for  
International Settlements

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17:20 - 17:30 **Closing of Day 2**

**Master of ceremony****Henry Holden**

Adviser, BIS Innovation Hub

## **AGENDA DAY 3 – Thursday 11 September**

### **09:00 – 12:30 CEST**

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#### **08:00 – 09:00 Welcome coffee & breakfast**

Floor 1 - Networking area

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#### **09:00 – 10:30 Technical roundtable: Powering the next-gen technology compliance stack**

This session will explore how key findings and outputs from BISIH projects that comprise the compliance stack (Aurora, Hertha, Mandala, Raven and Polaris) can provide building blocks for future projects and initiatives to combat illicit financial activities like money laundering (ML), terrorism financing (TF), fraud and scams.

##### **Speakers**

###### **George Danezis**

Professor of Security and Privacy Engineering, University College London

###### **Maha El Dimachki**

Head of the Innovation Hub Singapore Centre, Bank for International Settlements

###### **Noella Dushime Kajeneri**

Managing Director of Government Services, Proto

###### **Francesca Hopwood Road**

Head of the Innovation Hub London Centre, Bank for International Settlements

##### **Moderator**

###### **Per von Zelowitz**

Director of the New York Innovation Center, Federal Reserve Bank of New York

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#### **Technical roundtable: Interoperability and scalability in innovation**

To share experiences and lessons related to interoperability and scalability in innovation projects, especially in the context of cross border payments and CBDC. To discuss best practices for solving interoperability issues in innovation projects and the best ways to scale an innovation project.

##### **Speakers**

###### **Hart Montgomery**

CTO of Hyperledger, Linux Foundation

###### **Neha Narula**

Director, Digital Currency Initiative, MIT Media Lab

###### **Victoria Richardson**

Partner, ID Partners

###### **Rebecca Simmons**

Partner in the Firm's Financial Services and Capital Markets Groups and head payments practice and co-head of FinTech practice, Sullivan & Cromwell

###### **Rachel Whelan**

MPAC & MEA Head of Corporate Cash Management & Global Head of Payments & Transactional FX Product Management, Deutsche Bank

##### **Moderator**

###### **Jon Frost**

Head of Innovation and the Digital Economy, Bank for International Settlements

## Technical roundtable: Agentic AI

This session explores how agentic AI, autonomous AI systems capable of performing tasks with minimal human intervention, can transform certain functions of central banking. We will discuss practical implementations in monetary policy, payments, and supervision & regulatory technology, highlighting both the opportunities and challenges of adopting agentic AI, including governance and potential systemic impacts.

### Speakers

**Fernando Perez-Cruz**  
Senior Adviser,  
Monetary and Economic  
Department,  
Bank for International  
Settlements

**Dawn Song**  
Professor of Computer  
Science, University of  
California, Berkeley

More to be  
announced

### Moderator

**Bénédicte Nolens**  
Head of the Innovation Hub  
Hong Kong Centre, Bank for  
International Settlements

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## 10:30 - 10:50 Coffee & networking break + BIS Innovation Hub project posters exhibition

Floor 1 - Networking area

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## 10:50 - 11:50 Roundtable Discussion: Improving the old vs enabling the new

As central banks and public authorities modernise financial market infrastructures, they face two key challenges: enhancing existing systems to meet current demands, and preparing new models for the future. In this roundtable, speakers from the private sector, public sector, and international organisations will discuss how to balance these priorities.

### Speakers

**Jon Frost**  
Head of Innovation and the  
Digital Economy, Bank for  
International Settlements

**Kenneth Gay**  
Chief FinTech Officer,  
MAS

**Jose Luis Langa**  
Deputy Managing Director,  
Iberpay

**Benjamin Lee**  
Interim Director, Nexus Global  
Payments

**Audrey Metzger**  
Director of Innovation and Financial  
Market Infrastructures, Bank of France

### Moderator

**Morten Bech**  
Head of the Innovation Hub  
Swiss Centre, Bank for  
International Settlements

**Maha El Dimachki**  
Head of the Innovation  
Singapore Centre, Bank for  
International Settlements

**Roundtable Discussion:****Best practices for responsible AI adoption in central banks**

Central banks have been early adopters of machine learning techniques for statistics, macro analysis, payment systems oversight and supervision, with considerable success. Currently, the usage of generative AI based on LLMs brings many opportunities in support of central bank mandates, but also challenges – some general and others specific to central banks. To share experiences and lessons in AI adoption by central banks. To discuss best practices for the responsible adoption of AI in central banks.

**Speakers****Maryam Haghighi**

Director, Enterprise Data Science and Insights, Bank of Canada, Bank of Canada

**Fernando Perez-Cruz**

Senior Adviser, Monetary and Economic Department, Bank for International Settlements

**David Shrier**

Professor, Practice, AI & Innovation with Imperial College Business School

**Dawn Song**

Professor of Computer Science, University of California, Berkeley

**Dessislava Guetcheva-Cheytanova**

General Counsel, Bank for International Settlements

**Moderator****Miguel Diaz**

Deputy Head of the Innovation Hub, Bank for International Settlements

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**Roundtable Discussion:****Horizon scanning: which future to prepare for?**

In an era of rapid technology change, central banks must also innovate and leverage new technology to prepare for the future. But what does the future look like? This session will explore how central banks are working with horizon scanning and look at some key technology trends affecting the financial system.

**Speakers****Melissa Davey**

Director of the Independent Evaluation Office (IEO), Bank of England

**Lucia Gomez Teijeiro**

Professor, Dozentin Tenure Track, Bern University of Applied Sciences

**Andras Valko**

Deputy Head Eurosystem Centre, BIS Innovation Hub

**Jose Manuel Marquez Sevillano**

Chair of BIS Innovation Network Green Finance Working Group and Director of Financial Innovation and Market Infrastructures Department, Banco de España

**Moderator****Karmela Holtgreve**

Deputy Head of the Innovation Hub, Bank for International Settlements

## Roundtable Discussion: Confidential computing for financial services

This session will examine the role of confidential computing particularly trusted execution environments (TEEs) in strengthening data security, privacy, and resilience. The speakers will discuss practical applications, challenges, and how these technologies can enable secure data processing and collaboration in central banking and financial market operations.

### Speakers

**Adi Ben-Ari**  
Founder & CEO,  
Applied Blockchain

**Christof Fetzer**  
Chair of Systems Engineering,  
Technical University of Dresden

**Bertrand Foing**  
Founder & CEO,  
Secretarium & Klave

**Ijlal Loutfi**  
Product Lead for  
Ubuntu Foundation Security,  
Canonical

**Co-Pierre Georg**  
Director of the Frankfurt School  
Blockchain Center, Frankfurt  
School of Finance &  
Management

**Vasily Pozdyshev**  
Senior Advisor, Bank for  
International Settlements

### Moderator

**Michael Montijo**  
Head of Information Technology and  
Services, Bank for International  
Settlements

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11:50 - 12:30

## Closing of the BIS Innovation Summit 2025 Cold lunch