



Summary of conference on quantum-readiness for central banks

The Bank for International Settlements held a conference on quantum-readiness for central banks and supervisors on 12-13 February 2025. Jointly organised by the BIS Innovation Hub's Eurosystem Centre and the BIS Cyber Resilience Coordination Centre (CRCC), it brought together over 170 attendees from 39 central banks and 9 supervisory authorities and international financial institutions.

The opening remarks by BIS Deputy General Manager Andréa M Maechler and the keynote speech by Bank of Italy Deputy Governor Alessandra Perrazzelli led to insightful discussions on the critical challenges quantum computing poses to our financial systems' cybersecurity frameworks. In her address, Perrazzelli emphasised that "bold action and prudent strategies" would be essential for successfully navigating the quantum computing transition.

The conference featured a series of technical presentations, including Eurosystem Centre Head Raphael Auer's Quantum-readiness roadmap, which illuminated various aspects of quantum preparedness. Christophe Laforge, Senior Quantitative Analyst at the BIS, demonstrated an innovative laser display in his presentation on Demystifying the quantum world. The BIS Innovation Hub project presentations demonstrated progress across various initiatives, with Angela Dupont presenting on [Project Leap](#), Baltazar Rodriguez on [Project FuSSE](#), William Zhang on [Project Polaris](#) and Mike Alonso on [Project Tourbillon](#).

Cecilia Skingsley's closing remarks distilled the key insights from the two-day event. Her synthesis reinforced the conference's main themes: the urgency of developing quantum-resistant infrastructures, the importance of coordinated global action, and the need for agile risk management strategies. She highlighted that while the challenges posed by quantum computing are significant, a proactive and collaborative approach among financial institutions will be crucial in securing our current systems as well as future IT systems.

Overall, this conference represented a significant step forward in preparing the global financial system for the quantum era, demonstrating both the development of current initiatives and the strong commitment to collaborative problem-solving among the world's leading financial institutions.