

The Quantum Europe Strategy: Building a World-Class Ecosystem for Quantum Technologies

Europe is positioning itself as a global leader in quantum technologies through a coordinated and strategic approach. This talk will provide an overview of the Quantum Europe Strategy and its recent developments, including the forthcoming Quantum Act. We will explore how the European Commission is fostering research excellence, industrial competitiveness, and infrastructure development in quantum computing, communication, and sensing. Special emphasis will be placed on the synergies with metrology, the role of the European Quantum Flagship, EuroQCI, and EuroHPC initiatives, as well as efforts to strengthen Europe's quantum value chains, skills base, and strategic autonomy.