

EU Quantum Strategy

Oscar Diez

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Biography

Dr. Oscar Diez is the head of quantum technologies at the European Commission (EC), the executive branch of the European Union (EU). Previously, Dr. Diez was head of datacentre at the European Medicines Agency (EMA) in London. He holds a PhD in Computer Science from Universidad Politécnica in Madrid and a Master's degree in Open eGovernment from the University of Stockholm. He is also adjunct professor at IE University in Madrid.

Abstract

This presentation explores the European Union's strategic approach to advancing quantum technologies, with a focus on quantum computing and HPC integration, but covering all the quantum technologies pillars in the EU. It highlights the EU's quantum research, public investment, and infrastructure development, including key initiatives such as the Quantum Flagship, EuroHPC, EuroQCI and the Chips Act. The presentation covers the EU's efforts to bridge gaps in private investment, foster industry and academic collaboration, and create a roadmap for future growth.