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German National Quantum Technology Program

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Biography

Oliver Pieper is Head of the Science and Technology Division at the Embassy of the Federal Republic of Germany Tokyo.

Previously, he was Deputy Head of Division at the German Federal Ministry of Education and Research (BMBF), where he was lead coordinator for co-operation with Ukraine and other countries.

Oliver studied physics at Humboldt University and holds a PhD in physics from the Technical University of Berlin. He gained experience as a scientist in international research projects and as a consultant in R&D funding.

He was also responsible for innovation policy issues at the BMBF and managed various programmes to promote knowledge and technology transfer.

Abstract

In 2018 the German Federal Government launched its first federal program for quantum technologies. Since then Germany is investing heavily into quantum technologies with the aim to be one of the global leaders in all three domains of the technology: quantum computing, quantum sensing and quantum communication. This is underscored by the second federal program for quantum technologies published in 2023. Through this program more than 2.2 Billion Euros will be invested into quantum technologies until 2026.