aQuantum
Software Engineering

Accelerate the adoption of quantum software

aQuantum leads research and development in Quantum Software Engineering and Programming in association with specialized IT companies, research institutions and universities, with the aim of applying the development of quantum algorithms & software to the real activity of companies and institutions.

Thanks to QPath we contribute to accelerate the adoption of quantum software for the real world that contributes to the democratization of access to the quantum computing.

Research

Research in the fields of Quantum Software Engineering and Programming: Hybrid Classical-Quantum Computing, Software Quality, Governance and Management, Quantum Software Workforce, Development Tools, Machine Learning and Hybrid infrastructure.

Software Development

Development of practical software solutions to integrate classical software with quantum software. We take care of the complete development cycle or some of its parts if the customer prefers it.

Knowledge

Creation and Management of knowledge about Quantum Software Engineering and Programming through publications, events, couses, webinars, videos...

aQuantum Business

aQuantum services that accelerate the development of practical quantum software: QuantumPath, software solutions, contents, consultancy, advisory services...

aQuantum Business: products and services for quantum software

aQuantum services that accelerate the development of practical quantum software. We are proud to present QuantumPath, the first quantum development & aplication lifecycle platform for high-quality quantum algorithms & software.

We want to boost your business with quantum software engineering!

QuantumPath

We help you to design with QPath your quantum circuits or annealing definitions and manage the complete development cycle: from the creation of the quantum algorithm through its development, testing and implementation, to its deployment and reuse.

Contents

We transform our learning in research and development projects and transform it into courses, books, event presentations, articles... and distribute them through different channels.

Software solutions

We develop software solutions to connect classical to quantum computing.

Consultancy

We analyze the needs of software solutions to define the most advantageous options in the field of quantum software.

Advisory Services

We guide through the process of transformation of the classic software development teams to the world of quantum software development.

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Q|Path®
QuantumPath