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WHO WE ARE

Quantastica is a quantum software startup from Helsinki, Finland, Europe. Pre-Seed 200.000 EUR from Icebreaker VC in late 2019. Team is distributed over the globe (Finland, USA, Germany, India, Serbia).

WHAT WE DO

Quantastica is providing a set of AI-based tools that automate the development of new quantum algorithms. Quantum algorithms designed by robots could solve hardest computational problems facing modern industry. This approach is opening a possibility to break a quantum advantage barrier with near-term noisy quantum computers.

PROBLEM

Companies exploring the use of quantum computing are limited to a small set of quantum algorithms discovered by the greatest minds of our time.

Designing a new quantum algorithm which is optimal for a particular business case is at the edge of human intellectual capabilities.

PRODUCTS

Quantum Algorithm Generator

Automatic development of quantum algorithms quantastica.com/generator/

Quantum Programming Studio

Visual tool for designing quantum algorithms www.quantum-circuit.com

Oubit Toaster

High performance quantum circuit simulator www.quantastica.com/toaster/

TRUSTED BY





icebreaker

APPROACH

We have developed a set of software tools based on artificial intelligence designed to automate development of new quantum algorithms.

Our customer provides data (training dataset), and our AI automatically generates a quantum algorithm optimal for a particular problem.

SERVICES

Consultancy

For industry partners exploring the use of quantum computing

Quantum Algorithm Design

For academic and commercial R&D





