

Joint Annual Meeting of ÖPG and SPS 2021



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【60】 Parity Quantum Computing

Thursday, 2 September 2021 18:00 (20 minutes)

I will outline the development of the spin-out ParityQC from the first patent as a PostDoc to the venture capital based foundation of the company. ParityQC is a spin-out of the University of Innsbruck and the Austrian Academy of Sciences established in 2019. The company is based on the invention of the Parity Quantum Computing architecture which allows for solving optimization problems on quantum devices. ParityQC works with hardware developers world wide, including US, Japan and EU. The company also developed ParityOS, the operating system to run the ParityQC architecture.

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