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Vienna, July 4th, 2017

To whom it may concern:

I am writing to express my support for the research proposal "AZX" submitted to the ERA-NET QuantERA call.

As Vice-Dean of the Faculty of Physics and Head of Quantum Optics, Quantum Nanophysics and Quantum Information Group at the University of Vienna my research group was dedicated to the development of scalable photonic quantum technology for quantum computing and other quantum information applications.

The aim of the AZX project is to provide software support for a wide variety of quantum computing hardware. This is a valuable goal, and I believe the project is of excellent quality, and should be funded.

A particular challenge facing the project is to ensure that the software can adapt to the characteristics of specific implementations of quantum computation. I am very happy to help the project team with this challenge by serving on the Advisory Board of the project and sharing my experience and that of my group.

Best wishes,

A handwritten signature in black ink, reading "Philip Walther".

Philip Walther