

The Vienna Center for Quantum Science and Technology
(VCQ) invites you to a

COLLOQUIUM TALK

by

Prof. Philippe Grangier

(Institut d'Optique Graduate School, CNRS, Université Paris-Saclay)

Experimental tests of Bell's inequalities at Institut d'Optique (1980-82): past achievements and future directions

We will review the motivations and history of the experiments that lead to the Nobel Prize in Physics 2022, attributed to Alain Aspect, John Clauser and Anton Zeilinger. We will then discuss some future perspectives, both on the side of quantum technologies, and on the side of the more philosophical issues that motivated initially these experiments.

Monday, 06 November 2023

at Lise Meitner Lecture Hall at Universität Wien
Boltzmanngasse 5, 1090 Vienna, 1. OG

17:00 VCQ Student Talk by Martin Renner

Simulating qubit correlations with classical communication

17:15 VCQ Colloquium talk by Prof. Grangier

*****There will be drinks & snacks after the talk.*****

**Host: Anton Zeilinger
Borivoje Dakić**

for further information and the zoom-link please visit
<https://vcq.quantum.at/colloquium-ws-23-24/>