



INVITATION

as part of the Particle Physics Seminar

to the talk by

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on

“Entanglement and Bell non-locality in high-energy collision”

Abstract:

Quantum tomography, the study of quantum states and their properties, has increasingly been used in high-energy physics as a tool for testing Bell inequalities and constrain new physics. I will describe some recent results in B-meson and charmonium decays and the ongoing work on top-quark, tau-lepton and gauge boson production.

Time: Tuesday, 19 November 2024, 4:15 p.m.

Location: Erwin-Schrödinger Lecture Hall, 1090 Vienna, Boltzmannngasse 5, 5th floor

Join Zoom Meeting - Meeting ID: 933 4269 3866 Passcode: 185096
<https://univiennea.zoom.us/j/93342693866?pwd=aUpTR0VJNUhJY2Q0ajdaKzI1YWVVBQT09>