



CS Distinguished Lecture

by 2022 Nobel Prize - John Francis

Nonlocal quantum entangleme () speak

Speaker:

Professor John Francis Clauser 2022 Nobel Prize in Physics 2010 Wolf Prize

Date: 12 April 2024 (Friday)

Time: 4:00pm - 6:00pm

Venue: Lecture Theatre P3, LG1 Floo

Chong Yuet Ming Physics Bu



Biography:

imental and theoretical physicist. He is John Francis Clauser is an America renowned for his contributions to the foundation of quantum mechanics, which led to him receiving the 2010 Wolf Prize and the 2022 Nobel Prize in Physics, jointly with Alain Aspect and Anton Zeilinger, "for experiments with entangled photons, establishing the violation antu formation science." His notable contributions of Bell inequalities and pioneer to the foundations of quantum s include the Clauser-Horne-Shimony-Holt (CHSH) inequality, the Clauser-Horne meory of Local Realism, and Freedman-Clauser experiment, which protein the st experimental proof that non-local quantum entanglement is real. Together CHSH inequality, the Freedman-Clauser experiment is for quantum mechanist the Michelson-Morley experiment is for special relativity. tum satellite Micius uses the CHSH inequality and a Nowadays, the C nese qu configuration very t of the Freedman-Clauser experiment.

For registrative se click here for the link or scan this QR cou

Successful registrants will receive a confirmation email a day before the talk.

All are welcome.

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