



Prof. Renato Renner
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Date & Time:

14th July, 2025 @ 4:00 PM IST



Venue:

Classroom-4, TCG CREST

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Title – The Ultimate Limits of Security

Abstract

The security of quantum cryptography is based on the laws of physics. But what exactly are these laws? And what if our current understanding of physics turns out to be incomplete or incorrect? In this talk, I will explore these questions by examining the assumptions that underlie modern quantum cryptographic security. I will argue that these assumptions are both minimal and robust. As a result, even if we one day discover novel physics, it is reasonable to expect that the security of quantum-encrypted messages will remain intact.

Organized by:

CQuERE (Centre for Quantum Engineering, Research and Education), TCG CREST, Kolkata, INDIA

For more details, please visit the website: <http://www.tcgcrest.org/iyq2025>

For any queries, feel free to contact us through the email: iyq.2025@tcgcrest.org