



THE CHINESE UNIVERSITY OF HONG KONG
Department of Physics
COLLOQUIUM

**Topological Order, Many-body Entanglement, and
Non-Abelian Statistics**

by



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Date: September 24, 2021 (Friday)

Time: 10:00 - 11:00 a.m.

Join ZOOM Meeting: <https://cuhk.zoom.us/j/96194720319>



ALL INTERESTED ARE WELCOME

Abstract

I will explain the notion of topological order and its connection to long range many-body entanglement. I will discuss the associated emergent phenomena, such as fractional statistics, fractional angular momentum, and even fractionalized degrees of freedom, which implies non-Abelian statistics.