

CTCP SEMINAR

Quantum Spin Liquid as
incompressible liquid of electrons

Prof. Yi ZHOU

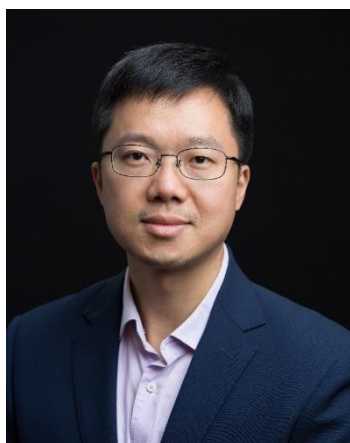
Institute of Physics, Chinese Academy of Sciences

Time: Monday, February 10, 2025, 5:00pm

**LE8, LG2/F, Library Extension Building, Main Campus,
The University of Hong Kong**

Abstract:

An alternative to the "standard" quantum spin liquid model, which was constructed as a gauge theory, will be presented. This new framework is a Landau-type effective theory. We will explore both quasiparticle excitations and collective modes, along with their physical implications.

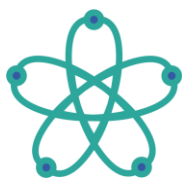


Biography:

Yi Zhou is a professor at Institute of Physics, Chinese Academy of Sciences. He received his B.S. degree and Ph. D. in physics from Tsinghua University in 1998 and 2004 respectively. After postdoctoral journey, he became a faculty member in Zhejiang University in 2009 and moved to current position in 2019. His main research interests include quantum many-particle physics and theoretical condensed matter physics.

ANYONE INTERESTED IS WELCOME TO ATTEND!

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