THE CHINESE UNIVERSITY OF HONG KONG
**Department of Physics**
SEMINAR

# Quantum Matter Explored by Light Experiments

*by*

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*Date: July 28, 2023 (Friday)*
*Time: 2:00 - 3:00 p.m.*
*Place: Rm G26, Science Centre North Block, CUHK*

ALL INTERESTED ARE WELCOME
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## Abstract

Superconductivity, representing a macroscopy quantum state, is perhaps the best example of quantum matter. In this talk, I will present recent synchrotron experiments on tuneable quantum matter problems. Especially a sequence of recent experiments using uniaxial pressure in combination with scattering techniques will be highlighted. The talk will also touch on the topic of machine learning applications for scattering experiments.

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