



Physics Colloquium

Wave Dark Matter



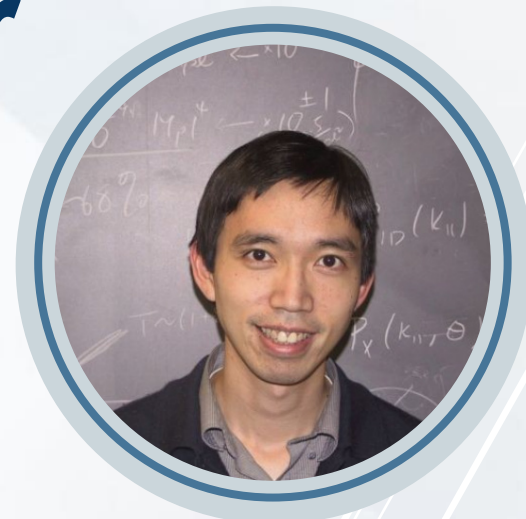
September 11, 2024 (Wednesday)



5:00 p.m.



MWT4, 1/F, Meng Wah Complex,
Main Campus, HKU



Prof. Lam HUI
Columbia University

Abstract:

In this colloquium, Prof. Hui will discuss the possibility that dark matter is composed of sufficiently light particles that it effectively behaves as a collection of waves. He will review the particle physics motivations and the rich wave phenomenology, and discuss the implications for astronomical observations and experimental detection.

Biography:

Prof. Lam Hui received his undergraduate degree from U.C. Berkeley and doctoral degree in Physics from MIT. He has held postdoctoral positions at Fermilab and the Institute for Advanced Study in Princeton, and faculty positions at Fermilab and the University of Chicago. Currently, he is a Professor of Physics at Columbia University.