



THE CHINESE UNIVERSITY OF HONG KONG
Department of Physics
SEMINAR

**New Physics at the Forward Physics Facility
(FPF)**

by

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Time: 3:30 - 4:15 p.m.

Place: L5, Science Centre, CUHK

ALL INTERESTED ARE WELCOME

Abstract

FASER and other experiments proposed in the Forward Physics Facility make use of the neutrinos coming off from the interaction point of the ATLAS experiment, the energy of the neutrino beam ranges from a few hundred GeV to TeV. A number of new physics models can be explored in such neutrino-nucleon and neutrino-electron scattering. I will summarize the search for Z' , heavy neutrinos, and leptoquarks.