

, CAU Particle Physics Lecture Series

Tuesday, 5 January 2021 - Wednesday, 3 February 2021

Chung-Ang University

Scientific Programme

Main topics of this programme include the following list.

Neutrino Theory and Phenomenology

Neutrino oscillations, CP violation in leptonic sector, and related topics will be covered.

Particle Physics Theory

Standard Model, Cosmology

Neutrino Detections

Various experimental methods to collect neutrinos will be discussed

Collider Experiments

Particle accelerator experiments will be covered.

Neutrino Cross sections and Productions

Neutrino production mechanisms and its interactions with matter will be covered.

Statistics in Particle Physics Experiment

Here, we will discuss various statistical methods that are used in particle physics experiments