



**International Center
for Hadron Astrophysics**
CHIBA UNIVERSITY

ICEHAP セミナー

Date 日時 11月14日（火） 16:00～18:00

Place 場所 [ICEHAP オフィス \(工学系総合研究棟 1 内 6 階 609-1 号室\)](#)

By 講演者 井上 芳幸 氏 (大阪大学)

Title タイトル

『**Non-thermal Coronal Activity in Seyfert Galaxies**』

Abstract 概要

Recently, IceCube has reported possible detection of high-energy neutrinos from several nearby unjetted Seyfert galaxies. Due to lack of strong jet activity and weak gamma-ray fluxes, it is widely believed that neutrinos are generated in coronae around central supermassive black holes. However, non-thermal coronal activity has not been well understood yet. In this talk, I would like to overview how non-thermal particles are generated in coronae and the related coronal magnetic activity. Then, I would like to discuss the available coronal cosmic-ray power based on accretion physics.