



千葉大学大学院理学研究院附属

ハドロン宇宙国際研究センター

International Center for Hadron Astrophysics

5月 ICEHAP セミナー

Date 日時 5月24日(金) 14:00~16:00

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

By 講演者 Nora Linn Strotjohann 氏 (DESY, IceCube)

Title タイトル

『Search for extragalactic neutrino sources with the IceCube detector』

Abstract 概要

With the detection of an astrophysical neutrino flux the IceCube neutrino observatory has provided strong evidence for the existence of extragalactic high-energy neutrino sources. It is however so far unknown which source class accounts for the majority of this flux. I will introduce several IceCube searches for astrophysical neutrino sources with a focus on IceCube's optical and X-ray follow-up program which is looking for neutrinos from 100s-long transients. The different search channels are complementary and I will describe which sources have the largest probability of being detectable.

Location: ニュートリノ天文学部門 工学系総合研究棟 1 6階



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