



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

# 7月 ICEHAP セミナー

**Date** 日時                      7月5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                      本間 希樹 氏 (国立天文台水沢 VLBI 観測所所長)

**Title** タイトル

**『The shadow of M87's super-massive black hole revealed by EHT』**

**Abstract** 概要

On 10 April 2019, the first-ever image of a black hole shadow has been released. The image, taken by the Event Horizon Telescope toward M87's core, shows a ring-like structure corresponding the photon-sphere of the black hole. The image shows a clear depression of its intensity at the ring center, the shadow of a black hole, demonstrating that even light cannot escape from a black hole. In this talk, I would like to summarize the EHT results on M87, by describing the properties of images as well as details of observations and data analysis.

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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