Topical Workshop on 2026 Nobel Prize in Physics: High-Energy Neutrinos

東京大学大学院理学系研究科　物理学専攻・附属ビッグバン宇宙国際研究センター

日　時：2026 年 11 月 19 日（木）13：00 ～ 16：30

場　所：理学部 4 号館 1220 室

This event explores how IceCube is opening a new window on the Universe through high-energy neutrinos. In the workshop, four leading experts will discuss the IceCube experiments, neutrino astrophysics, and the sources of high-energy neutrinos. These sessions are aimed at researchers and graduate students, with discussion accessible to non-specialists in the field. From 17:00, a special public lecture will explore the 2026 Nobel Prize in Physics and the high-energy neutrino astronomy pioneered by IceCube.

プログラム:

13:00 – 13:30: Shigeru Yoshida (Chiba University) – My Thrilling 30-Year Bumpy Journey into the Sources of Extremely-High Energy Cosmic-Ray Particles with Neutrinos
13:30 – 14:00: John Beacom (Ohio State University) – Neutrino Physics with IceCube
14:00 – 14:30: Break
14:30 – 15:00: Aya Ishihara (Chiba University) – From Discovery to IceCube-Gen2
15:00 – 15:30: Kohta Murase (University of Tokyo/Penn State University) – High-Energy Neutrino Astrophysics
15:30 – 16:00: Break
16:00 – 16:30: Panel Discussions

17:00 - : 2026 年ノーベル物理学賞を読み解く特別講演会　「1 km^3 の氷で探る極限宇宙 – IceCube とニュートリノ宇宙物理学 –」: 石原安野・村瀬孔大

興味をお持ちの方の聴講を歓迎致します。