



OIST

OKINAWA INSTITUTE OF SCIENCE AND TECHNOLOGY GRADUATE UNIVERSITY
沖縄科学技術大学院大学

THEORETICAL SCIENCES VISITING PROGRAM

TSVVP TALK

DATA SCIENCE FOR THE EHT BLACKHOLE SHADOW IMAGING

2022
THU. JUN. 2ND

16:00 - 17:00

HYBRID L4E48, ZOOM



For zoom and other details scan QR code or visit groups.oist.jp/tsvp



In April 2019, the EHTC (Event Horizon Telescope collaboration) released the first image of the M87 black hole shadow and in May this year, the black hole shadow image of our Milky Way galaxy was released. The EHTC has more than 300 members from different backgrounds and countries. The EHT is a huge very long baseline interferometer (VLBI), which is different from optical telescopes in that a lot of computation is required to obtain a single image. Prof. Ikeda has been involved in the project as a data scientist and collaborated with EHTC members to develop a new imaging method. In this talk, he will explain how the new imaging technique has been developed and the final images were created.

THE INSTITUTE OF STATISTICAL MATHEMATICS

PROF. SHIRO IKEDA

Shiro Ikeda is a professor at the Institute of Statistical Mathematics. He has been working in the field of applied mathematics, which includes but is not limited to signal processing, information theory, information geometry, statistics, and astrostatistics.

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CONTACT

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