

Extreme Universe

The 3rd COLLOQUIUM

February 28th (Mon.) ONLINE

TALK 10:00 am - 11:00 am (JST)

February 28th (Mon.) 1:00 am - 2:00 am (UTC)

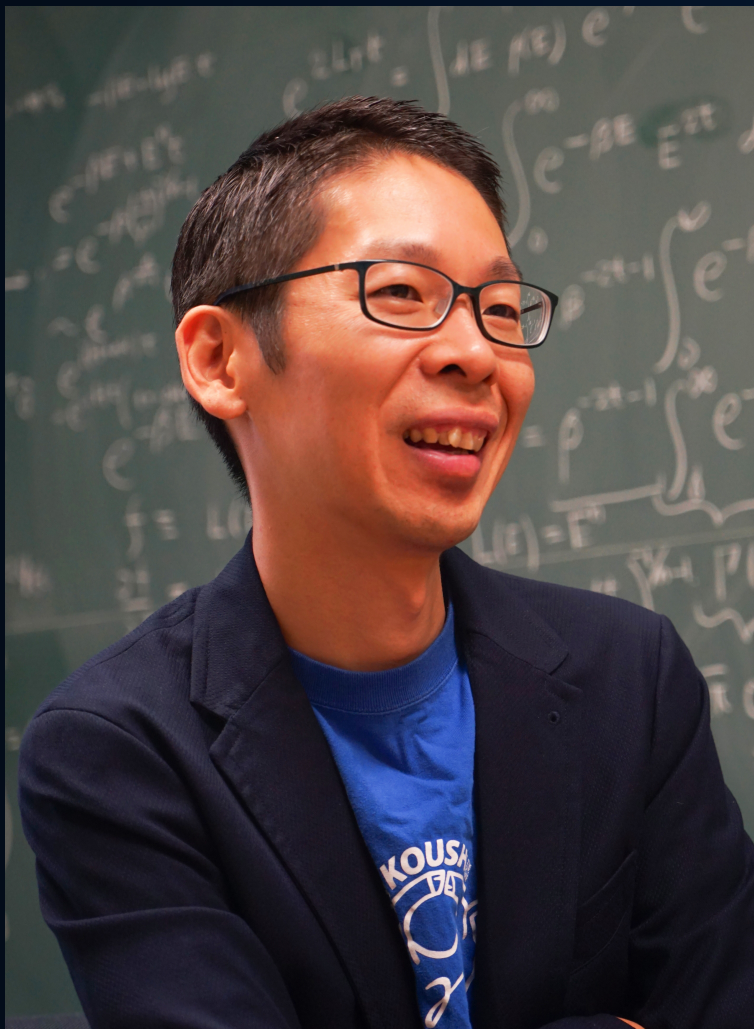
February 27th (Sun.) 8:00 pm - 9:00 pm (EST)

ONLINE COFFEE TIME

11:00 am - 12:00 am (JST)

Registration required (click [HERE](#))

Extreme Universe, JAPAN



Speaker

[Prof. Koji Hashimoto](#)

Kyoto University

Title **Chaos and Holography**

Abstract

Chaotic aspects of black hole spacetime have played one of the crucial roles in understanding holography in recent years. I will make a brief overview of the subject, with an introductory review of chaos, and explain the idea of chaos bounds to discriminate quantum systems allowing dual gravity. In particular, I like to discuss a new bound on chaos energy (<https://arxiv.org/abs/2112.11163>) for promoting the idea of chaos to the extreme of the universe.

2022

Collaboration