

Extreme Universe

The 2nd COLLOQUIUM

January 26th (Wed.), ONLINE

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

January 26th (Wed.) 1:00 am - 2:00 am (UTC)

January 25th (Tue.) 8:00 pm - 9:00 pm (EST)

January 25th (Tue.) 5:00 pm - 6:00 pm (PST)

ONLINE COFFEE TIME afterwards

Registration required (click [HERE](#))

Extreme Universe, JAPAN



Speaker

Prof. Mark Van Raamsdonk

The University of British Columbia

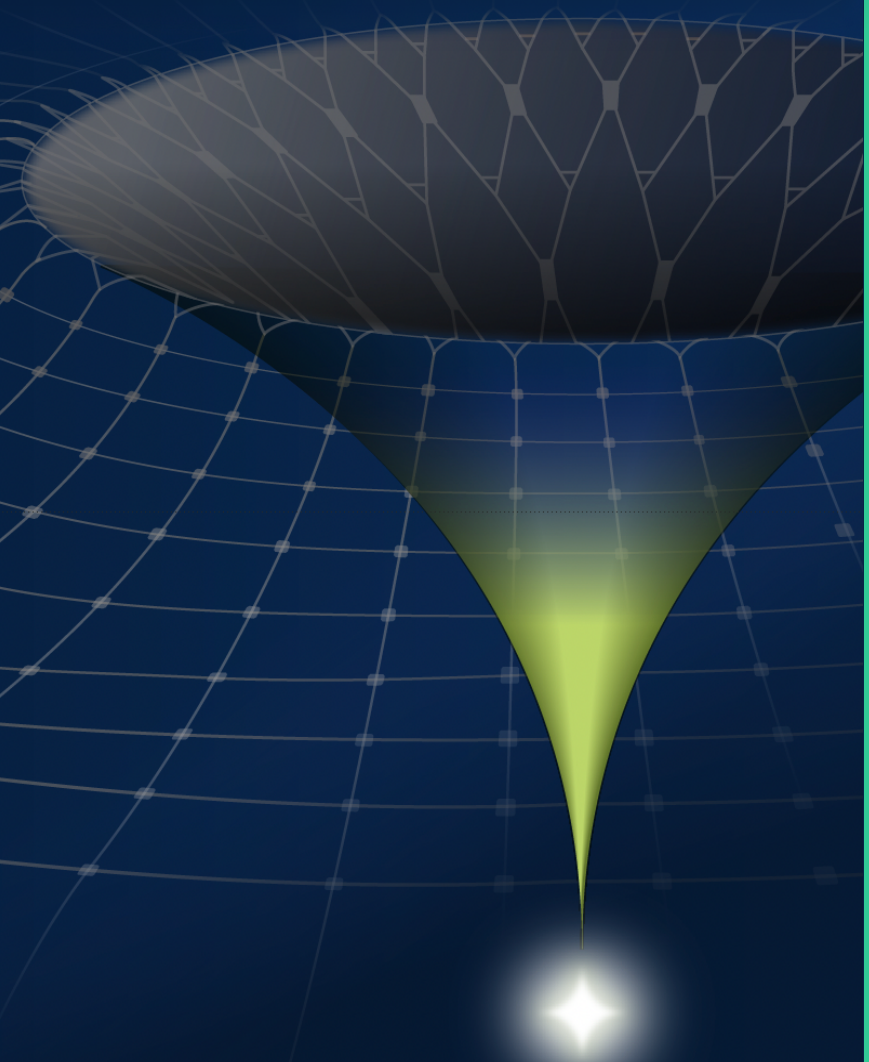
Title

Cosmology from confinement

Abstract

In this talk I will describe and discuss a possible framework for describing microscopic models of big-bang / big-crunch cosmology within the context of the AdS/CFT correspondence. The cosmological physics is related by double analytic continuation to the physics in a static spacetime dual to a confining gauge theory.

2022



MEXT -KAKENHI- Grant-in-Aid for Transformative Research Areas (A)

The Natural Laws of Extreme Universe -A New Paradigm for Spacetime and Matter from Quantum Information-

Collaboration