

COLLOQUIA DFA A.A. 2022-2023

COLLOQUIUM DFA

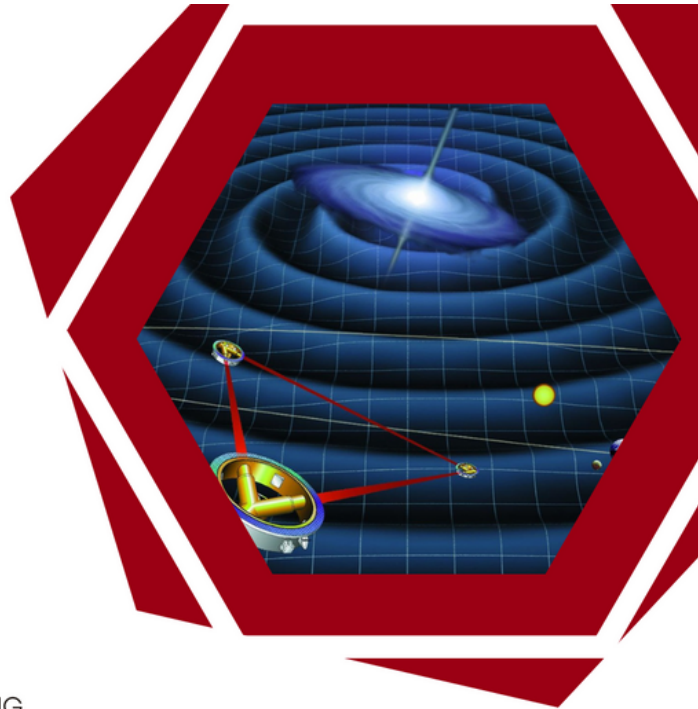
DECEMBER, 15TH 2022 - 3 PM

SASAKI MISAO

KAVLI INSTITUTE FOR THE PHYSICS AND MATHEMATICS OF THE UNIVERSE (WPI),
UTIAS, THE UNIVERSITY OF TOKYO
CENTER FOR GRAVITATIONAL PHYSICS AND QUANTUM INFORMATION,
YUKAWA INSTITUTE FOR THEORETICAL PHYSICS, KYOTO UNIVERSITY

"Primordial Black Holes may be
Dark Matter of the Universe"

IN PRESENCE AULA ROSTAGNI - ZOOM MEETING - YOUTUBE STREAMING



Primordial Black Holes may be Dark Matter of the Universe

Primordial black holes (PBHs) are black holes which are believed to have formed in the very early Universe. Recently an idea that PBHs may be dark matter of the Universe is attracting a lot of attention. In this talk, I first briefly review our knowledge about dark matter and black holes, then introduce the idea of PBHs as dark matter of the Universe, and discuss how it can be observationally tested.

It turns out that gravitational waves are the key to this observational test.



Speaker: Sasaki Misao

WEBSITE
ZOOM MEETING
LINK YOUTUBE

<https://indico.dfa.unipd.it/event/620/>
<https://unipd.link/ColloquiumDFA-15-12-2022>
<https://unipd.link/AulaRostagniUniPadovaDFA>