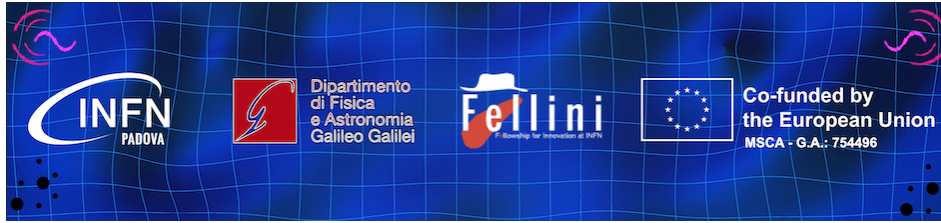


# Messengers of the very early universe: Gravitational Waves and Primordial Black Holes



Contribution ID: 47

Type: **Invited Talk**

## Primordial Black Holes from Inflation

*Monday, 12 December 2022 09:30 (1 hour)*

In addition to the traditional method of using micro-lensing, the rapid progress in gravitational wave astrophysics/cosmology has made projections of detecting signatures of PBHs quite feasible. Parallel to it, various models of inflation that produce PBHs have been proposed. In this talk I'll review the PBH formation from inflation, focusing on some recently-found novel mechanisms that lead to it.

**Presenter:** SASAKI, Misao (Kavli Institute for the Physics and Mathematics of the Universe (IPMU))

**Session Classification:** 12th Morning Session