



# Future Perspectives on Primordial Black Holes

## Monday, 11 December 2023

### Plenary Session: Introduction and PBH overview (09:20 - 10:40)

-Conveners: Ilia Musco

time	[id] title	presenter
09:20	[36] Welcome Introduction	MASIERO, Antonio VALENTE, Paolo
09:50	[37] Primordial Black Holes after 50 years: a positive perspective	CARR, Bernard

### Plenary Session: PBH Formation (11:10 - 12:50)

-Conveners: Ilia Musco

time	[id] title	presenter
11:10	[38] Primordial black hole formation from cosmological perturbations: recent developments	HARADA, Tomohiro
12:00	[39] Primordial black holes: A fine (tuned) opportunity for probing inflation	BYRNES, Christian

### Plenary Session: PBHs from single field inflation (14:10 - 15:00)

-Conveners: Alfredo Leonardo Urbano

time	[id] title	presenter
14:10	[41] Primordial black holes from single field inflation?	Prof. YOKOYAMA, Jun'ichi

# Tuesday, 12 December 2023

## Plenary Session: PBHs pollution and merger rate (09:10 - 10:50)

-Conveners: Paolo Pani

time	[id] title	presenter
09:10	[69] Merger rate of primordial black holes	RAIDAL, Martti
10:00	[68] Searching for Primordial Black Holes from the QCD Epoch Using Gravitational Waves	FRANCIOLINI, Gabriele

## Plenary Session: PBHs and Gravitational Waves (11:20 - 12:10)

-Conveners: Paolo Pani

time	[id] title	presenter
11:20	[70] Exploring the Gravitational Wave Universe with PTAs: where we are and where we are going	MITRIDATE, Andrea

# Wednesday, 13 December 2023

## Plenary Session: PBH and Dark Matter (09:00 - 10:40)

-Conveners: Christian Byrnes

time	[id] title	presenter
09:00	[71] Calculating the abundance of primordial black holes: complications and opportunities	YOUNG, Sam
09:50	[72] Dark and shiny dresses around Primordial Black Holes	GAGGERO, Daniele