

Future Perspectives on Primordial Black Holes

Monday, 11 December 2023

Contributed Talks: PBHs and Inflation (15:00 - 16:00)

-Conveners: Alfredo Leonardo Urbano

time	[id] title	presenter
15:00	[21] Anatomy of single-field inflationary models for primordial black holes	VEERMÄE, Hardi
15:20	[7] Back-reaction in the early universe	IACCONI, Laura
15:40	[30] Does the size of the one-loop correction rule out PBH formation?	DAVIES, Matthew

Tuesday, 12 December 2023

Contributed Talks (12:10 - 13:10)

-Conveners: **Paolo Pani**

time	[id] title	presenter
12:10	[4] Timekeepers of the Universe: The recent gravitational wave observation by PTA and PBH.	IOVINO, Antonio Junior
12:30	[19] Subsolar-mass Black Hole Searches	CLESSE, Sébastien
12:50	[1] Detection of PBH with Einstein Telescope: forecast for statistical methods to distinguish between different BH populations	MARTINELLI, Matteo

Wednesday, 13 December 2023

Contributed Talks: PBH constraints (11:10 - 11:50)

-Conveners: Christian Byrnes

time	[id] title	presenter
11:10	[20] On the Cosmological Bound on Primordial Black Holes	VALLI, Mauro
11:30	[5] Revisiting CMB constraints on PBH + WIMP scenarios	SCARCELLA, Francesca

Contributed Talks: PBH miscellanea & conclusions (15:00 - 16:30)

-Conveners: Ilia Musco

time	[id] title	presenter
15:00	[24] Clustering of PBHs in the stochastic- δN formalism	ANIMALI, Chiara
15:20	[3] Gravitational wave signatures of "magnetised" supermassive primordial black holes	PAPANIKOLAOU, Theodoros
15:40	[15] Compaction function profiles from stochastic inflation	TOMBERG, Eemeli
16:00	[25] Milky Way Black Holes Hiding in Plain Sight	DAWSON, William