

# **Focus week on primordial black holes 2024**

## **Report of Contributions**

Contribution ID: 2

Type: **not specified**

## **Sarah R. Geller:TBA**

*Wednesday, November 13, 2024 10:45 AM (30 minutes)*

Contribution ID: 3

Type: **not specified**

## **Bernard Carr: Primordial Black Holes: The Bright Side**

*Wednesday, November 13, 2024 10:10 AM (30 minutes)*

Contribution ID: 4

Type: **not specified**

## **Juan Garcia-Bellido:Dynamics of PBH clusters and predictions for Gravitational Waves Observatories**

*Wednesday, November 13, 2024 11:40 AM (30 minutes)*

Contribution ID: 5

Type: **not specified**

## **Florian Kühnel: Primordial Black Holes: Positive Perspective, Quantum Quiddity and Correlation Characteristics**

*Thursday, November 14, 2024 10:00 AM (30 minutes)*

Contribution ID: 6

Type: **not specified**

## **Marcos Flores: Long-range forces and the early universe: primordial black holes, gravitational waves and beyond**

*Thursday, November 14, 2024 10:35 AM (30 minutes)*

Contribution ID: 7

Type: **not specified**

## **Ilia Musco: Primordial black holes and self similarity: prescription for an universal threshold**

*Wednesday, November 13, 2024 12:15 PM (30 minutes)*

Contribution ID: **8**

Type: **not specified**

## **Zachary Picker: Black holes from Fermi ball collapse**

*Thursday, November 14, 2024 11:40 AM (30 minutes)*



Contribution ID: 9

Type: **not specified**

## **Sunao Sugiyama:Exploring Primordial Black Hole with Microlensing Data: Updates on Analysis Pipeline**

*Thursday, November 14, 2024 12:15 PM (30 minutes)*

Contribution ID: 10

Type: **not specified**

## **Sachiko Kuroyanagi: Constraints on primordial black holes through the LVK stochastic search**

*Friday, November 15, 2024 10:00 AM (30 minutes)*

Contribution ID: 11

Type: **not specified**

## **Junichi Yokoyama: Welcome to Kavli IPMU**

*Wednesday, November 13, 2024 10:00 AM (10 minutes)*

Contribution ID: 12

Type: **not specified**

## **Pi Shi:Non-Gaussianity in PBH Formation**

*Friday, November 15, 2024 10:35 AM (30 minutes)*

Contribution ID: 13

Type: **not specified**

## **Anne Green:Gravitational lensing constraints on the abundance of planetary & stellar mass PBHs**

*Friday, November 15, 2024 11:40 AM (30 minutes)*

Contribution ID: 14

Type: **not specified**

## **Chulmoon Yoo:Simulation of PBH formation using the COSMOS code**

*Wednesday, November 13, 2024 2:00 PM (25 minutes)*

Contribution ID: 15

Type: **not specified**

## **Masaaki Shimada:Formation of type II Primordial Black Hole from Fluctuations with Non-Gaussian Statistics**

*Wednesday, November 13, 2024 2:30 PM (25 minutes)*

Contribution ID: 16

Type: **not specified**

## **Kazunori Kohri:The memory burden effect with new classes of PBH dark matter and induced high-frequency gravitational waves**

*Thursday, November 14, 2024 2:00 PM (25 minutes)*



Contribution ID: 17

Type: **not specified**

## **Daiki Saito:Spins of primordial black holes in a matter-dominated era**

*Thursday, November 14, 2024 2:30 PM (25 minutes)*

Contribution ID: 18

Type: **not specified**

## **Masafusa Onoue: Probing the early growth history of supermassive black holes**

*Friday, November 15, 2024 12:15 PM (30 minutes)*

Contribution ID: 19

Type: **not specified**

## **Danilo Artigas: $\delta N$ formalism during ultra-slow-roll inflation**

*Friday, November 15, 2024 2:00 PM (25 minutes)*

Contribution ID: 20

Type: **not specified**

## **Volodymyr Takhistov:Coexistence of Black Hole and Particle Dark Matter: Bridging Macroscopic and Microscopic Worlds**

*Wednesday, November 13, 2024 3:40 PM (25 minutes)*

Contribution ID: 21

Type: **not specified**

## **Kaloian Lozanov:Gravitational collapse of a scalar field**

*Wednesday, November 13, 2024 4:10 PM (25 minutes)*

Contribution ID: 22

Type: **not specified**

## **Tomohiro Harada:Geometrical origin for the compaction function for PBH formation**

*Thursday, November 14, 2024 3:40 PM (25 minutes)*

Contribution ID: 23

Type: **not specified**

## **Albert Escriva:Simulations of Ellipsoidal PBH Formation and the impact of Non-Spherical effects on the PBH mass function**

*Thursday, November 14, 2024 4:10 PM (25 minutes)*

Contribution ID: 24

Type: **not specified**

## **Koichiro Uehara:Analytical investigation of type II-B PBH formation**

*Friday, November 15, 2024 2:30 PM (25 minutes)*



Contribution ID: 25

Type: **not specified**

## **Xinpeng Wang:Primordial Black Hole formation from Curvature perturbation enhanced during inflation**

*Friday, November 15, 2024 3:40 PM (25 minutes)*

Contribution ID: 26

Type: **not specified**

## **Dick Bond: Closing remarks**

*Friday, November 15, 2024 4:40 PM (25 minutes)*

Contribution ID: 27

Type: **not specified**

## **John Silverman: The dark matter content of quasar host galaxies at $z \sim 6$ through gas kinematics**

*Friday, November 15, 2024 4:10 PM (25 minutes)*