

# **Dark Matter Beyond the Weak Scale II**

## **Report of Contributions**

Contribution ID: 1

Type: **not specified**

# **CMB bounds on accreting Extended Dark matter Objects**

*Monday, 25 March 2024 14:00 (45 minutes)*

**Presenter:** SEVILLANO, Sergio

**Session Classification:** Talks

Contribution ID: 2

Type: **not specified**

## **Astrophysical tests of dark matter on small scales**

*Monday, 25 March 2024 14:45 (45 minutes)*

**Presenter:** BOSE, Sownak

**Session Classification:** Talks

Contribution ID: 3

Type: **not specified**

## Was there a 3.5 keV line?

*Monday, 25 March 2024 16:00 (45 minutes)*

**Presenter:** DESSERT, Christopher

**Session Classification:** Talks

Contribution ID: 4

Type: **not specified**

## ALP Anarchy

*Tuesday, 26 March 2024 09:00 (45 minutes)*

**Presenter:** CHADHA-DAY, Francesca

**Session Classification:** Talks

Contribution ID: 5

Type: **not specified**

## **Dark matter in and around phase transitions**

*Tuesday, 26 March 2024 09:45 (45 minutes)*

**Presenter:** PETROSSIAN-BYRNE, Rudin

**Session Classification:** Talks

Contribution ID: 6

Type: **not specified**

## **Dark Matter and Cosmological Phase Transitions**

*Tuesday, 26 March 2024 11:00 (45 minutes)*

**Presenter:** KOPP, Joachim

**Session Classification:** Talks

Contribution ID: 7

Type: **not specified**

## **Echoes from ECOs**

*Tuesday, 26 March 2024 11:45 (45 minutes)*

**Presenter:** BANKS, Hannah

**Session Classification:** Talks



Contribution ID: 8

Type: **not specified**

## **Bridging gaps in the GW spectrum**

*Tuesday, 26 March 2024 14:00 (45 minutes)*

**Presenter:** BLAS, Diego

**Session Classification:** Talks

Contribution ID: 9

Type: **not specified**

## **Fuzzy dark matter solitons in gravitational lensing time delays and the H0 measurement**

*Tuesday, 26 March 2024 14:45 (45 minutes)*

**Presenter:** TEODORI, Luca

**Session Classification:** Talks

Contribution ID: **10**

Type: **not specified**

## **Production mechanisms for Dark Matter: from freeze-in to gravitational production**

*Tuesday, 26 March 2024 16:00 (45 minutes)*

**Presenter:** RACCO, Davide

**Session Classification:** Talks

Contribution ID: 11

Type: **not specified**

## **Astrophysical Probes of Dark Matter: Past, Present, and Future of Gamma-ray Observations**

*Wednesday, 27 March 2024 09:00 (45 minutes)*

**Presenter:** CRNOGORCEVIC, Milena

**Session Classification:** Talks

Contribution ID: 12

Type: **not specified**

## Targeting soft imprints of dark matter

*Wednesday, 27 March 2024 09:45 (45 minutes)*

**Presenter:** MURGUI, Clara

**Session Classification:** Talks

Contribution ID: 13

Type: **not specified**

## **Back to the phase space: thermal axions**

*Wednesday, 27 March 2024 11:00 (45 minutes)*

**Presenter:** D'ERAMO, Francesco

**Session Classification:** Talks

Contribution ID: 14

Type: **not specified**

## **Testing the far UV with low-energy axion experiments**

*Wednesday, 27 March 2024 11:45 (45 minutes)*

**Presenter:** REIG, Mario

**Session Classification:** Talks

Contribution ID: 15

Type: **not specified**

## **Primordial Black Holes as a dark matter candidate**

*Wednesday, 27 March 2024 14:00 (45 minutes)*

**Presenter:** GREEN, Anne

**Session Classification:** Talks



Contribution ID: 16

Type: **not specified**

## **Living on the Edge: Quantum Black Holes from event Horizons**

*Wednesday, 27 March 2024 14:45 (45 minutes)*

**Presenter:** SANNINO, Francesco

**Session Classification:** Talks

Contribution ID: 17

Type: **not specified**

## Discussion session

**Session Classification:** Talks

Contribution ID: **18**

Type: **not specified**

## **Scintillating Methods to Detect Dark Matter from Nano to Astro Scales**

*Thursday, 28 March 2024 09:00 (45 minutes)*

**Presenter:** BLANCO, Carlos

**Session Classification:** Talks

Contribution ID: 19

Type: **not specified**

## **QUEST-DMC: Low Mass Dark Matter Search with Helium-3**

*Thursday, 28 March 2024 09:45 (45 minutes)*

**Presenter:** LEASON, Elisabeth

**Session Classification:** Talks

Contribution ID: 20

Type: **not specified**

## **Monopole-philic axion: theory and experiment**

*Thursday, 28 March 2024 11:00 (45 minutes)*

**Presenter:** SOKOLOV, Anton

**Session Classification:** Talks

Contribution ID: 21

Type: **not specified**

## **Fueling the Search for Light Dark Matter with Spherical Proportional Counters**

*Thursday, 28 March 2024 11:45 (45 minutes)*

**Presenter:** HAMAIDE, Louis

**Session Classification:** Talks

Contribution ID: 22

Type: **not specified**

## **Microlensing signatures of extended dark objects using machine learning**

*Tuesday, 26 March 2024 16:45 (45 minutes)*

**Presenter:** CRISPIM ROMAO, Miguel

**Session Classification:** Talks