

# **Astroparticle Physics PhD Programme**

## **Report of Contributions**

Contribution ID: 1

Type: **not specified**

# TeV Halos and Cosmic Ray Leptons

*Thursday, 10 October 2024 11:20 (20 minutes)*

Advisor: Carmelo Evoli

**Presenter:** BOURGUINAT, Lioni-Moana (GSSI)

Contribution ID: 2

Type: **not specified**

## Discussion

*Thursday, 10 October 2024 09:50 (10 minutes)*

Contribution ID: 3

Type: **not specified**

# Asymmetric Binaries as Fundamental Physics Probes

*Thursday, 10 October 2024 10:00 (20 minutes)*

Advisor: Andrea Maselli

**Presenter:** GLIORIO, Sara

Contribution ID: 4

Type: **not specified**

## Discussion

*Thursday, 10 October 2024 10:20 (10 minutes)*

Contribution ID: 5

Type: **not specified**

## **Study of galactic cosmic rays with space based missions**

*Thursday, 10 October 2024 09:30 (20 minutes)*

Advisor: Ivan De Mitri

**Presenter:** CAGNOLI, Irene (GSSI)

Contribution ID: 6

Type: **not specified**

## Discussion

*Thursday, 10 October 2024 10:50 (10 minutes)*

Contribution ID: 7

Type: **not specified**

## **Study of the self-confinement of UHECRs close to their sources**

*Thursday, 10 October 2024 09:00 (20 minutes)*

Advisors: Pasquale Blasi, Roberto Aloisio, Carmelo Evoli

**Presenter:** CERMENATI, Alessandro (Gran Sasso Science Institute)



Contribution ID: 8

Type: **not specified**

## Discussion

*Thursday, 10 October 2024 11:40 (10 minutes)*

Contribution ID: 9

Type: **not specified**

## **Scalar Induced Gravitational Waves in the Multi-messenger Era: from fundamental physics in the early universe to PBH evolution**

*Thursday, 10 October 2024 10:30 (20 minutes)*

Advisor: Andrea Maselli, Sabino Matarrese, Angelo Ricciardone

**Presenter:** KUGARAJH, Anjali Abirami (Gran Sasso Science Institute)

Contribution ID: **10**

Type: **not specified**

## Discussion

*Thursday, 10 October 2024 12:10 (10 minutes)*

Contribution ID: 11

Type: **not specified**

## **Compact object populations across cosmic times**

*Thursday, 10 October 2024 12:20 (20 minutes)*

Advisors: Gor Oganesyan, Manuel Arca Sedda

**Presenter:** PAIELLA, Lavinia (GSSI)

Contribution ID: 12

Type: **not specified**

## Discussion

*Thursday, 10 October 2024 12:40 (10 minutes)*

Contribution ID: 13

Type: **not specified**

## **Study of the effects of radioactivity on superconducting quantum bits**

*Thursday, 10 October 2024 12:50 (20 minutes)*

Advisors: Fernando Ferroni, Laura Cardani

**Presenter:** DE DOMINICIS, Francesco (GSSI)

Contribution ID: 14

Type: **not specified**

## Discussion

*Thursday, 10 October 2024 13:10 (10 minutes)*

Contribution ID: 15

Type: **not specified**

## **Multi-wavelength view of GRB Afterglow**

*Thursday, 10 October 2024 11:50 (20 minutes)*

Advisors: Marica Branchesi, Biswajit Banerjee, Gor Oganesyan

**Presenter:** TIWARI, Pawan



Contribution ID: **16**

Type: **not specified**

## Discussion

*Thursday, 10 October 2024 09:20 (10 minutes)*