

# Astroparticle Physics PhD Programme



## Report of Contributions

Contribution ID: 17

Type: **not specified**

## Status Report on the Research Project

*Monday, 18 October 2021 14:30 (20 minutes)*

Topic: Background modeling in the CUPID experiment

Advisors: Fernando Ferroni, Lorenzo Pagnanini

**Presenter:** CELI, Emanuela (GSSI)

Contribution ID: **18**

Type: **not specified**

## Discussion

*Monday, 18 October 2021 14:50 (5 minutes)*

Contribution ID: **32**

Type: **not specified**

## Status Report on the Research Project

*Monday, 18 October 2021 16:55 (20 minutes)*

Topic: Gravitational-wave signals from star clusters

Advisor: Jan Harms

**Presenter:** CODAZZO, Elena (GSSI)

Contribution ID: **33**

Type: **not specified**

## Discussion

*Monday, 18 October 2021 15:15 (5 minutes)*

Contribution ID: 34

Type: **not specified**

## Status Report on the Research Project

*Monday, 18 October 2021 17:45 (20 minutes)*

Topic: Neutron flux measurement at LNGS with CYGNO/INITIUM

Advisor: Elisabetta Baracchini

**Presenter:** DI GIAMBATTISTA, Flaminia (GSSI)

Contribution ID: 35

Type: **not specified**

## Discussion

*Monday, 18 October 2021 15:40 (5 minutes)*

Contribution ID: 36

Type: **not specified**

## Status Report on the Research Project

*Monday, 18 October 2021 15:45 (20 minutes)*

Topic: Distance Indicators for Cosmology

Advisor: Marica Branchesi, Michele Cantiello

**Presenter:** HAZRA, Nandini (GSSI)



Contribution ID: 37

Type: **not specified**

## Discussion

*Monday, 18 October 2021 16:05 (5 minutes)*

Contribution ID: **38**

Type: **not specified**

## Status Report on the Research Project

*Monday, 18 October 2021 16:10 (20 minutes)*

Topic: BNS microphysics and emissions from kilonovae

Advisor: Marica Branchesi, Gor Oganessian

**Presenter:** LOFFREDO, Eleonora (GSSI)

Contribution ID: **39**

Type: **not specified**

## Discussion

*Monday, 18 October 2021 16:30 (5 minutes)*

Contribution ID: 40

Type: **not specified**

## Status Report on the Research Project

*Monday, 18 October 2021 14:55 (20 minutes)*

Topic: Cosmic Li, Be, B spectra with DAMPE and R&D for HERD

Advisor: Ivan De Mitri

**Presenter:** PARENTI, Andrea (GSSI)

Contribution ID: 41

Type: **not specified**

## Discussion

*Monday, 18 October 2021 17:15 (5 minutes)*

Contribution ID: 42

Type: **not specified**

## Status Report on the Research Project

*Monday, 18 October 2021 17:20 (20 minutes)*

Topic: Multivariate techniques for track reconstruction and particle identification for INITIUM

Advisor: Elisabetta Baracchini

**Presenter:** PRAJAPATI, Atul (GSSI)

Contribution ID: 43

Type: **not specified**

## Discussion

*Monday, 18 October 2021 17:40 (5 minutes)*

Contribution ID: 44

Type: **not specified**

## Status Report on the Research Project

*Monday, 18 October 2021 15:20 (20 minutes)*

Topic: Cosmic Iron spectrum with DAMPE and R&D for HERD

Advisor: Ivan De Mitri

**Presenter:** SILVERI, Leandro (GSSI)



Contribution ID: 45

Type: **not specified**

## Discussion

*Monday, 18 October 2021 18:05 (5 minutes)*

Contribution ID: 46

Type: **not specified**

## Status Report on the Research Project

*Monday, 18 October 2021 18:10 (20 minutes)*

Topic: Feasibility of solar neutrino measurement with the CYGNO/INITIUM experiment

Advisor: Elisabetta Baracchini

**Presenter:** TORELLI, Samuele (GSSI)

Contribution ID: 47

Type: **not specified**

## Closed session

*Monday, 18 October 2021 18:30 (30 minutes)*