

Astroparticle Physics PhD Programme



Report of Contributions

Contribution ID: 5

Type: **not specified**

Status Report on the Research Project

Tuesday, 13 October 2020 09:25 (15 minutes)

Topic: Low-frequency sensitivity limitations in current and future GW detectors

Advisor: Jan Harms

Presenter: ANDRIC, Tomislav (GSSI)

Contribution ID: 6

Type: **not specified**

Discussion

Tuesday, 13 October 2020 09:40 (10 minutes)

Contribution ID: 7

Type: **not specified**

Status Report on the Research Project

Tuesday, 13 October 2020 09:50 (15 minutes)

Topic: Directional rare events searches with the CYGNO detector

Advisor: Elisabetta Baracchini

Presenter: DHO, Giorgio (GSSI)

Contribution ID: 8

Type: **not specified**

Discussion

Tuesday, 13 October 2020 10:05 (10 minutes)

Contribution ID: 9

Type: **not specified**

Status Report on the Research Project

Tuesday, 13 October 2020 10:35 (15 minutes)

Topic: SiPM for future dark matter detectors

Advisors: Alessandro Razeto, Cristiano Galbiati

Presenter: KACHRU , Priyanka (GSSI)

Contribution ID: **10**

Type: **not specified**

Discussion

Tuesday, 13 October 2020 10:50 (10 minutes)

Contribution ID: **11**

Type: **not specified**

Status Report on the Research Project

Tuesday, 13 October 2020 11:00 (15 minutes)

Topic: Cosmic ray studies with the DAMPE and HERD space missions: medium mass nuclei (BCNO group)

Advisors: Ivan De Mitri, Felicia Barbato

Presenter: KYRATZSIS, Dimitrios (GSSI)

Contribution ID: **12**

Type: **not specified**

Discussion

Tuesday, 13 October 2020 11:15 (10 minutes)

Contribution ID: 13

Type: **not specified**

Status Report on the Research Project

Tuesday, 13 October 2020 11:25 (15 minutes)

Topic: Light detection for LAr experiments

Advisor: Alessandro Razeto

Presenter: MOHARANA, Asish (GSSI)

Contribution ID: **14**

Type: **not specified**

Discussion

Contribution ID: 15

Type: **not specified**

Status Report on the Research Project

Topic: The cosmic nucleosynthesis competition between low mass stars and neutron star mergers

Advisors: Sergio Cristallo, Marica Branchesi

Presenter: VECOVI, Diego (GSSI)

Contribution ID: **16**

Type: **not specified**

Discussion

Tuesday, 13 October 2020 11:40 (10 minutes)

Contribution ID: 17

Type: **not specified**

Status Report on the Research Project

Tuesday, 13 October 2020 09:00 (15 minutes)

Topic: Cosmic ray studies with the DAMPE and HERD space missions: light and heavy components

Advisor: Ivan De Mitri

Presenter: ALEMANNINO, Francesca (GSSI)

Contribution ID: **18**

Type: **not specified**

Discussion

Tuesday, 13 October 2020 09:15 (10 minutes)

Contribution ID: **19**

Type: **not specified**

Closed session

Contribution ID: **20**

Type: **not specified**

Meeting of the PhD board

Tuesday, 13 October 2020 15:45 (45 minutes)

Contribution ID: **21**

Type: **not specified**

Status Report on the Research Project

Tuesday, 13 October 2020 11:50 (15 minutes)

Topic: Multimessenger observations and modeling of GRBs

Advisors: Marica Branchesi, Gor Oganessian

Presenter: RONCHINI, Samuele (GSSI)

Contribution ID: 22

Type: **not specified**

Discussion

Tuesday, 13 October 2020 12:05 (10 minutes)

Contribution ID: 23

Type: **not specified**

Status Report on the Research Project

Tuesday, 13 October 2020 12:15 (15 minutes)

Topic: Design of a pulsed, low energy, high precision electron
calibration source for the PTOLEMY experiment

Advisors: Marcello Messina, Francesco Vissani

Presenter: ROZWADOWSKA, Karolina (GSSI)

Contribution ID: **24**

Type: **not specified**

Discussion

Tuesday, 13 October 2020 12:30 (10 minutes)

Contribution ID: 25

Type: **not specified**

Status Report on the Research Project

Tuesday, 13 October 2020 14:30 (15 minutes)

Topic: Galactic cosmic ray transport around sources

Advisor: Pasquale Blasi

Presenter: SCHROER, Benedikt (GSSI)

Contribution ID: 26

Type: **not specified**

Discussion

Tuesday, 13 October 2020 14:45 (10 minutes)

Contribution ID: 27

Type: **not specified**

Status Report on the Research Project

Tuesday, 13 October 2020 14:55 (15 minutes)

Topic: Cryogenic distillation techniques for dark matter experiments

Advisors: Cristiano Galbiati, Walter Bonivento

Presenter: VALLIVILAYIL JHON, Teena (GSSI)

Contribution ID: **28**

Type: **not specified**

Discussion

Tuesday, 13 October 2020 15:10 (10 minutes)

Contribution ID: 29

Type: **not specified**

Status Report on the Research Project

Tuesday, 13 October 2020 15:20 (15 minutes)

Topic: The TeV gamma-rays population of the Milky-Way

Advisors: Giulia Pagliaroli, Francesco Villante

Presenter: VECCHIOTTI, Vittoria (GSSI)

Contribution ID: **30**

Type: **not specified**

Discussion

Tuesday, 13 October 2020 15:35 (10 minutes)