

# Astroparticle Physics PhD Defenses



## Report of Contributions

Contribution ID: 1

Type: **not specified**

# **Study of cosmic-ray interactions in candidate sources. Applications to the interpretation of the energy spectrum and mass composition data of the Pierre Auger Observatory**

*Tuesday, 27 July 2021 15:00 (1 hour)*

**Presenter:** CONDORELLI, Antonio (GSSI)

Contribution ID: 2

Type: **not specified**

## Discussion

*Tuesday, 27 July 2021 16:00 (55 minutes)*

### Defense Committee:

Marica Branchesi (GSSI - L'Aquila), Chair

Speranza Falciano (GSSI - L'Aquila)

Paolo Lipari (INFN - Roma)

Giulia Pagliaroli (INFN - LNGS)

Maurizio Spurio (Università di Bologna)

Substitutes: Fernando Ferroni (GSSI - L'Aquila), Jan Harms (GSSI - L'Aquila),

### External Reviewers:

Andrea Chiavassa (Università di Torino)

Silvia Mollerach (Centro Atomico Bariloche, Argentina)

Maurizio Spurio (Università di Bologna)

### Advisors:

Sergio Petrerá (GSSI - L'Aquila)

Denise Boncioli (Università dell'Aquila)

Contribution ID: 15

Type: **not specified**

## **Sub-Orbital and Orbital Detection of High-Energy Astrophysical Radiation via Cherenkov Emission**

*Tuesday, 27 July 2021 17:05 (1 hour)*

**Presenter:** CUMMINGS, Austin (GSSI)

Contribution ID: 16

Type: **not specified**

## Discussion

*Tuesday, 27 July 2021 18:05 (55 minutes)*

Defense Committee:

Marica Branchesi (GSSI - L'Aquila), Chair

Speranza Falciano (GSSI - L'Aquila)

Paolo Lipari (INFN - Roma)

Giulia Pagliaroli (INFN - LNGS)

Maurizio Spurio (Università di Bologna)

Substitutes: Fernando Ferroni (GSSI - L'Aquila), Jan Harms (GSSI - L'Aquila),

External Reviewers:

Paolo Lipari (INFN - Roma)

Lorenzo Perrone (Università del Salento, Lecce)

Enrique Zas (Universidade de Santiago de Compostela, Spain)

Advisor:

Roberto Aloisio (GSSI - L'Aquila)