

Solar Modulation and Dark Matter Workshop



Report of Contributions

Contribution ID: 1

Type: **not specified**

Arrival day

Sunday, November 14, 2021 9:00 AM (12 hours)

Contribution ID: 2

Type: **not specified**

Departure day

Contribution ID: 3

Type: **not specified**

Modelling the solar modulation

Session Classification: Morning session:

Contribution ID: 4

Type: **not specified**

Real time monitoring of the radiation environment on the ISS with the AMS-02 detector

Tuesday, November 16, 2021 3:15 PM (45 minutes)

Presenter: FALDI, Francesco (Istituto Nazionale di Fisica Nucleare)

Session Classification: Morning session:

Contribution ID: 5

Type: **not specified**

Solar modulation theory and charge-sign dependent modulation.

Monday, November 15, 2021 11:20 AM (40 minutes)

Presenter: Prof. MARIUS, Potgieter (Kiel University)

Session Classification: Morning session:

Contribution ID: 6

Type: **not specified**

Contribution 2

Presenter: HEBER, Bernd (Christian-Albrechts-Universität zu Kiel)

Session Classification: Morning session:

Contribution ID: 7

Type: **not specified**

Discussion

Monday, November 15, 2021 12:00 PM (40 minutes)

Session Classification: Morning session:

Contribution ID: 8

Type: **not specified**

Time-dependent measurements of GCRs by AMS02

Monday, November 15, 2021 2:30 PM (45 minutes)

Presenter: CONSOLANDI, cristina (university of hawaii)

Session Classification: Morning session:

Contribution ID: 9

Type: **not specified**

Modeling cosmic ray proton and helium isotopes in the heliosphere

Monday, November 15, 2021 3:15 PM (45 minutes)

Presenter: NGOBENI, Donald (North West University)

Session Classification: Morning session:

Contribution ID: **10**

Type: **not specified**

Discussion

Monday, November 15, 2021 4:00 PM (30 minutes)

Session Classification: Morning session:

Contribution ID: 11

Type: **not specified**

Time dependent GCR intensity with PAMELA, AMS02 and Neutron Monitor measuraments

Tuesday, November 16, 2021 2:30 PM (45 minutes)

Presenter: Dr KOLDOBSKY, Sergey (MEPHI)

Session Classification: Morning session:

Contribution ID: 12

Type: **not specified**

Discussion

Tuesday, November 16, 2021 4:00 PM (30 minutes)

Session Classification: Morning session:

Contribution ID: 13

Type: **not specified**

The heliosphere and measurements relevant to cosmic ray modulation

Tuesday, November 16, 2021 10:30 AM (45 minutes)

Presenter: HEBER, Bernd (Christian-Albrechts-Universität zu Kiel)

Session Classification: Morning session:

Contribution ID: 14

Type: **not specified**

Long-term correlation between Solar activity and Cosmic-ray fluxes

Tuesday, November 16, 2021 11:15 AM (45 minutes)

Presenter: TOMASSETTI, Nicola (University of Perugia & INFN, Italy)

Session Classification: Morning session:

Contribution ID: 15

Type: **not specified**

Discussion

Tuesday, November 16, 2021 12:00 PM (50 minutes)

Session Classification: Morning session:

Contribution ID: 16

Type: **not specified**

Current Status of the GAPS experiment:

Wednesday, November 17, 2021 10:30 AM (45 minutes)

Presenter: Prof. HAILEY, Chuck (Columbia University)

Session Classification: Morning session:

Contribution ID: 17

Type: **not specified**

How solar modulation impacts indirect search of dark matter with low energy antinuclei

Wednesday, November 17, 2021 11:15 AM (45 minutes)

Presenter: BOEZIO, Mirko (Istituto Nazionale di Fisica Nucleare)

Session Classification: Morning session:

Contribution ID: **18**

Type: **not specified**

Discussion

Wednesday, November 17, 2021 12:00 PM (50 minutes)

Session Classification: Morning session:

Contribution ID: 19

Type: **not specified**

A new Local Interstellar Spectrum for antiproton from PAMELA, BESS and AMS02 data

Wednesday, November 17, 2021 2:30 PM (45 minutes)

Presenter: MUNINI, Riccardo (Istituto Nazionale di Fisica Nucleare)

Session Classification: Morning session:

Contribution ID: 20

Type: **not specified**

Solar modulation of antiproton GCR for indirect search of dark matter

Wednesday, November 17, 2021 3:15 PM (45 minutes)

Presenter: DELLA TORRE, Stefano (Istituto Nazionale di Fisica Nucleare)

Session Classification: Morning session:

Contribution ID: 21

Type: **not specified**

Discussion

Wednesday, November 17, 2021 4:00 PM (30 minutes)

Session Classification: Morning session:

Contribution ID: 22

Type: **not specified**

Implications of Li to O data of AMS-02 on our understanding cosmic-ray propagation

Thursday, November 18, 2021 10:30 AM (45 minutes)

Presenter: Dr KORSMAIER, Michael

Session Classification: Morning session:

Contribution ID: 23

Type: **not specified**

Unified Picture of Galactic CR Transport

Thursday, November 18, 2021 11:15 AM (45 minutes)

Presenter: SCHROER, Benedikt (GSSI)

Session Classification: Morning session:

Contribution ID: 24

Type: **not specified**

Discussion

Thursday, November 18, 2021 12:00 PM (50 minutes)

Session Classification: Morning session:

Contribution ID: 25

Type: **not specified**

Constraining positron emission from pulsar populations with AMS-02 data

Thursday, November 18, 2021 3:00 PM (30 minutes)

Presenter: DONATO, Fiorenza (Istituto Nazionale di Fisica Nucleare)

Session Classification: Morning session:

Contribution ID: 26

Type: **not specified**

Does the Geminga, Monogem and PSR J0622+3749 γ -ray halos imply slow diffusion around pulsars?

Thursday, November 18, 2021 3:30 PM (30 minutes)

Presenter: ORUSA, Luca

Session Classification: Morning session:

Contribution ID: 27

Type: **not specified**

Discussion

Thursday, November 18, 2021 4:00 PM (30 minutes)

Session Classification: Morning session:

Contribution ID: 28

Type: **not specified**

Cosmic rays below 100 TeV in the Galaxy and the heliosphere

Monday, November 15, 2021 10:40 AM (40 minutes)

Presenter: Prof. MOSKALENKO, Igor

Session Classification: Morning session:

Contribution ID: 29

Type: **not specified**

Open discussion

Friday, November 19, 2021 10:30 AM (2 hours)

Contribution ID: **30**

Type: **not specified**

Welcome and general information

Monday, November 15, 2021 10:30 AM (10 minutes)

Presenter: MUNINI, Riccardo (Istituto Nazionale di Fisica Nucleare)

Session Classification: Morning session:

Contribution ID: 31

Type: **not specified**

Galactic sources of cosmic ray electrons and positrons

Thursday, November 18, 2021 2:30 PM (30 minutes)

Presenter: EVOLI, Carmelo (Gran Sasso Science Institute)

Session Classification: Morning session: