

Wide field-of-view gamma-ray observatory in the Southern hemisphere

Report of Contributions

Contribution ID: 1

Type: **not specified**

Welcome

Monday 20 May 2019 14:30 (10 minutes)

Presenter: PIMENTA, Mário (LIP)

Contribution ID: 2

Type: **not specified**

HAWC science results

Monday 20 May 2019 14:40 (30 minutes)

Presenter: GOODMAN, Jordan

Session Classification: Science

Contribution ID: 3

Type: **not specified**

SGSO white paper

Monday 20 May 2019 15:10 (30 minutes)

Presenter: SCHUSSLER, Fabian

Session Classification: Science

Contribution ID: 4

Type: **not specified**

Observing dark matter signals from the Galactic centre

Monday 20 May 2019 15:40 (30 minutes)

Presenter: SCHOORLEMMER, Harm

Session Classification: Science

Contribution ID: 5

Type: **not specified**

Observation of the sub-TeV gamma-ray sky from the Southern Hemisphere

Monday 20 May 2019 16:40 (30 minutes)

Presenter: LA MURA, Giovanni

Session Classification: Science

Contribution ID: 6

Type: **not specified**

From Tibet to the Southern hemisphere: an RPC-based detector for astroparticle physics

Monday 20 May 2019 17:10 (30 minutes)

Presenter: CAMARRI, Paolo

Session Classification: Science

Contribution ID: 7

Type: **not specified**

Cosmic ray physics @ Southern hemisphere

Monday 20 May 2019 17:40 (30 minutes)

Presenter: CHIAVASSA, Andrea

Session Classification: Science

Contribution ID: 8

Type: **not specified**

Overview

Monday 20 May 2019 18:10 (30 minutes)

Presenter: HINTON, Jim

Session Classification: The Southern Wide-field Gamma-ray Observatory R&D

Contribution ID: 9

Type: **not specified**

Site Surveying in Peru

Tuesday 21 May 2019 09:30 (20 minutes)

Presenter: KUNWAR, Samridha

Session Classification: Site

Contribution ID: **10**

Type: **not specified**

Support from the peruvian authorities

Tuesday 21 May 2019 09:50 (20 minutes)

Presenter: BELLIDO, Jose

Session Classification: Site

Contribution ID: **11**

Type: **not specified**

The ALMA site

Tuesday 21 May 2019 10:10 (20 minutes)

Presenters: SANDOVAL, Andrés; SCHNEIDER, Michael

Session Classification: Site

Contribution ID: 12

Type: **not specified**

The Argentinian site

Tuesday 21 May 2019 10:40 (20 minutes)

Presenter: ROVERO, Adrian

Session Classification: Site

Contribution ID: 13

Type: **not specified**

Plans for a prototype WCD at the Argentinian site

Tuesday 21 May 2019 11:20 (20 minutes)

Presenter: ROVERO, Adrian

Session Classification: Detector R&D

Contribution ID: 14

Type: **not specified**

Autonomous RPCs for outdoor environments

Tuesday 21 May 2019 11:40 (30 minutes)

Presenter: FONTE, Paulo (LIP - Coimbra)

Session Classification: Detector R&D

Contribution ID: 15

Type: **not specified**

Performance study of Sealing MRPC with extremely low gas flow in Tsinghua University

Tuesday 21 May 2019 12:10 (30 minutes)

Presenter: HAN, Dong

Session Classification: Detector R&D

Contribution ID: **16**

Type: **not specified**

ALTO

Tuesday 21 May 2019 12:40 (30 minutes)

Presenter: BECHERINI, Yvonne

Session Classification: Detector R&D

Contribution ID: 17

Type: **not specified**

SiPM activities at Padova

Tuesday 21 May 2019 13:10 (30 minutes)

Presenter: DORO, Michele

Session Classification: Detector R&D

Contribution ID: 18

Type: **not specified**

Thermal simulations for water Cherenkov detectors at high-altitude

Tuesday 21 May 2019 15:00 (30 minutes)

Presenter: MENDES, Luis Filipe

Session Classification: Simulations and Analysis

Contribution ID: **19**

Type: **not specified**

Common software development status

Tuesday 21 May 2019 15:30 (30 minutes)

Presenter: SCHOORLEMMER, Harm

Session Classification: Simulations and Analysis

Contribution ID: 20

Type: **not specified**

Analysis of ground pattern with a Deep Neural Network to improve gamma/hadron discrimination

Tuesday 21 May 2019 16:00 (30 minutes)

Presenter: ASSUNÇÃO, Filipe

Session Classification: Simulations and Analysis

Contribution ID: 21

Type: **not specified**

Photon classification in WCD using supervised and semi-supervised approaches

Tuesday 21 May 2019 16:30 (30 minutes)

Presenter: GUILLÉN, Alberto

Session Classification: Simulations and Analysis

Contribution ID: 22

Type: **not specified**

Optimization of a double-layered WCD

Tuesday 21 May 2019 17:30 (30 minutes)

Presenter: KUNWAR, Samridha

Session Classification: Stations and layout designs

Contribution ID: 23

Type: **not specified**

Compact WCD with a matrix of SiPM

Tuesday 21 May 2019 18:00 (30 minutes)

Presenter: TOMÉ, Bernardo (LIP)

Session Classification: Stations and layout designs

Contribution ID: 24

Type: **not specified**

Extending wide FoV gamma-ray observations with an array of compact Cherenkov telescope

Tuesday 21 May 2019 18:30 (30 minutes)

Presenter: BRETZ, Thomas

Session Classification: Stations and layout designs

Contribution ID: 25

Type: **not specified**

Outreach with cosmic messengers at LIP

Wednesday 22 May 2019 09:30 (30 minutes)

Presenter: ESPIRITO SANTO, Catarina (LIP)

Session Classification: Outreach

Contribution ID: 26

Type: **not specified**

Astro2020 decadal survey

Wednesday 22 May 2019 10:00 (30 minutes)

Presenters: SCHUSSLER, Fabian; HUENTEMEYER, Petra

Session Classification: Decadal Survey Astro2020 paper

Contribution ID: 27

Type: **not specified**

The Atacama Astronomical Park Update as a site for the «SGSO»

Tuesday 21 May 2019 10:30 (10 minutes)

Presenter: HINTON, Jim

Session Classification: Site