

Multimessenger High Energy Astrophysics in the Era of LHAASO



Report of Contributions

Contribution ID: 1

Type: **not specified**

Introduction

Presenter: AHARONIAN, Felix (Dublin Institute for Advanced Studies)

Session Classification: Session 2

Contribution ID: 2

Type: **not specified**

Introduction

Presenter: AHARONIAN, Felix (Dublin Institute for Advanced Studies)

Session Classification: Session 2

Contribution ID: 3

Type: **not specified**

Status of LHAASO and first results

Presenter: CAO, Zhen (Institute of High Energy Physics)

Session Classification: Session 2

Contribution ID: 4

Type: **not specified**

LHAASO performance

Presenter: DI SCIASCIO, Giuseppe (ROMA2)

Session Classification: Session 2

Contribution ID: 5

Type: **not specified**

Some selected highlights of Scientific objectives of LHAASO

Presenter: AHARONIAN, Felix (Dublin Institute for Advanced Studies)

Session Classification: Session 2

Contribution ID: 6

Type: **not specified**

Status of CTA

Presenter: ZANIN, Roberta (Universitat de Barcelona)

Session Classification: Session 2

Contribution ID: 7

Type: **not specified**

The SWGO experiment

Presenter: HINTON, Jim (MPIK)

Session Classification: Session 2

Contribution ID: 8

Type: **not specified**

Status of ASTRI

Presenter: PARESCHI, Giovanni (INAF-Osservatorio Astronomico di Brera)

Session Classification: Session 2

Contribution ID: 9

Type: **not specified**

Future Gamma-Ray missions and LHAASO

Presenter: TAVANI, Marco (ROMA2)

Session Classification: Session 2

Contribution ID: **10**

Type: **not specified**

HESS Highlights

Presenter: WAGNER, Stefan (LSW, U. Heidelberg)

Session Classification: Session 2

Contribution ID: 11

Type: **not specified**

MAGIC Highlights

Presenter: DE ANGELIS, Alessandro (PD)

Session Classification: Session 2

Contribution ID: 12

Type: **not specified**

HAWC Highlights

Presenter: CASANOVA, Sabrina (Ruhr Universitaet Bochum)

Session Classification: Session 2

Contribution ID: 13

Type: **not specified**

Angular resolution limits for air shower arrays

Presenter: HOFMANN, Werner (Max-Planck-Institut für Kernphysik)

Session Classification: Session 2

Contribution ID: 14

Type: **not specified**

Galactic Neutrinos

Presenter: NERONOV, Andrii

Session Classification: Session 2

Contribution ID: 15

Type: **not specified**

Halos around Pulsars

Tuesday, 28 July 2020 09:30 (30 minutes)

Presenter: RUOYU, Liu

Contribution ID: **16**

Type: **not specified**

Stellar Clusters

Tuesday, 28 July 2020 10:00 (30 minutes)

Presenter: RUIZHI, Yang

Contribution ID: 17

Type: **not specified**

GRB studies with LHAASO

Tuesday, 28 July 2020 10:30 (30 minutes)

Presenter: WANG, Xiang-Yu

Contribution ID: **18**

Type: **not specified**

Gamma-ray emission from Pulsar Wind Nebulae

Tuesday, 28 July 2020 11:00 (30 minutes)

Presenter: KHANGULYAN, Dmitri

Contribution ID: **19**

Type: **not specified**

Spectral features of PeVatrons

Tuesday, 28 July 2020 11:30 (30 minutes)

Presenter: CELLI, Silvia (GSGC)

Contribution ID: 20

Type: **not specified**

SNRs with LHAASO

Tuesday, 28 July 2020 12:00 (30 minutes)

Presenter: MORLINO, Giovanni (GSGC)

Contribution ID: 21

Type: **not specified**

SNRs as PeVatrons

Tuesday, 28 July 2020 12:30 (30 minutes)

Presenter: REVILLE, Brian

Contribution ID: 22

Type: **not specified**

Diffuse Gamma-Ray Background

Tuesday, 28 July 2020 15:00 (30 minutes)

Presenter: SEMIKOZ, Dmitri (APC, Paris)

Contribution ID: 23

Type: **not specified**

Cosmic Ray Physics with LHAASO

Presenter: LIPARI, Paolo (ROMA1)

Contribution ID: 24

Type: **not specified**

Propagation of Galactic Cosmic Rays

Tuesday, 28 July 2020 15:30 (30 minutes)

Presenter: EVOLI, Carmelo (Gran Sasso Science Institute)

Contribution ID: 25

Type: **not specified**

Cosmic Ray Anisotropy

Tuesday, 28 July 2020 16:00 (30 minutes)

Presenter: AHLERS, Markus (Niels Bohr Institute)

Contribution ID: 26

Type: **not specified**

Anisotropic diffusion

Tuesday, 28 July 2020 16:30 (30 minutes)

Presenter: GIACINTI, Gwenael (MPIK Heidelberg)

Contribution ID: 27

Type: **not specified**

Gamma Rays and Neutrinos from the Galactic Halo

Tuesday, 28 July 2020 17:00 (30 minutes)

Presenter: TAYLOR, Andrew (DESY)

Contribution ID: 28

Type: **not specified**

Gamma-Ray Astronomy with CTA-North

Wednesday, 29 July 2020 10:30 (30 minutes)

Presenter: TESHIMA, Masahiro (Max-Planck-Institute)

Contribution ID: 29

Type: **not specified**

Future GW experiments

Wednesday, 29 July 2020 11:00 (30 minutes)

Presenter: RICCI, Fulvio (ROMA1)

Contribution ID: **30**

Type: **not specified**

Neutrino Telescopes and LHAASO

Wednesday, 29 July 2020 11:30 (30 minutes)

Presenter: CAPONE, Antonio (ROMA1)

Contribution ID: **31**

Type: **not specified**

Introduction

Monday, 27 July 2020 09:15 (15 minutes)

Presenter: AHARONIAN, Felix (Dublin Institute for Advanced Studies)

Contribution ID: **32**

Type: **not specified**

Status of LHAASO and first results

Monday, 27 July 2020 09:30 (1 hour)

Presenter: CAO, Zhen (Institute of High Energy Physics)

Contribution ID: 33

Type: **not specified**

LHAASO: a new generation array

Monday, 27 July 2020 10:30 (20 minutes)

Presenter: DI SCIASCIO, Giuseppe (ROMA2)

Contribution ID: 34

Type: **not specified**

Some selected highlights of Scientific objectives of LHAASO

Presenter: AHARONIAN, Felix (Dublin Institute for Advanced Studies)

Contribution ID: 35

Type: **not specified**

Status of CTA

Monday, 27 July 2020 10:50 (30 minutes)

Presenter: ZANIN, Roberta (Universitat de Barcelona)

Contribution ID: **36**

Type: **not specified**

The SWGO experiment

Monday, 27 July 2020 11:20 (30 minutes)

Presenter: HINTON, Jim (MPIK)

Contribution ID: 37

Type: **not specified**

Status of ASTRI

Monday, 27 July 2020 11:50 (30 minutes)

Presenter: PARESCHI, Giovanni (INAF-Osservatorio Astronomico di Brera)

Contribution ID: **38**

Type: **not specified**

Future Gamma-Ray missions and LHAASO

Presenter: TAVANI, Marco (ROMA2)

Contribution ID: **39**

Type: **not specified**

HESS Highlights

Monday, 27 July 2020 15:00 (30 minutes)

Presenter: WAGNER, Stefan (LSW, U. Heidelberg)

Contribution ID: **40**

Type: **not specified**

MAGIC Highlights

Monday, 27 July 2020 15:30 (30 minutes)

Presenter: DE ANGELIS, Alessandro (PD)

Contribution ID: 41

Type: **not specified**

HAWC Highlights

Monday, 27 July 2020 16:00 (30 minutes)

Presenter: CASANOVA, Sabrina (Ruhr Universitaet Bochum)

Contribution ID: 42

Type: **not specified**

Angular resolution limits for air shower arrays

Monday, 27 July 2020 16:30 (30 minutes)

Presenter: HOFMANN, Werner (Max-Planck-Institut für Kernphysik)

Contribution ID: 43

Type: **not specified**

Galactic Neutrinos

Monday, 27 July 2020 17:30 (30 minutes)

Presenter: Prof. NERONOV, Andrii

Contribution ID: 44

Type: **not specified**

Cosmic Ray Physics with Extensive Showers

Monday, 27 July 2020 17:00 (30 minutes)

Presenter: LIPARI, Paolo (ROMA1)

Contribution ID: 45

Type: **not specified**

UHE gamma-rays from Giant Molecular Clouds

Wednesday, 29 July 2020 09:30 (30 minutes)

Presenter: PERON, Giada (Max Planck Institute of Nuclear physics)

Contribution ID: 46

Type: **not specified**

Discussion

Wednesday, 29 July 2020 12:00 (1 hour)

Presenter: AHARONIAN, Felix (Dublin Institute for Advanced Studies)

Contribution ID: 47

Type: **not specified**

VERITAS Highlights

Monday, 27 July 2020 12:20 (30 minutes)

Presenter: QUINN, John (University College Dublin)

Contribution ID: 48

Type: **not specified**

Gamma-rays and Neutrinos from Supernovae

Wednesday, 29 July 2020 10:00 (30 minutes)

Presenter: ZHUO, Li

Contribution ID: 49

Type: **not specified**

Test of Fundamental Physics with LHAASO

Tuesday, 28 July 2020 17:30 (30 minutes)

Presenter: ADDAZI, Andrea (Fudan University)