

ASTRI and LHAASO Workshop

Report of Contributions

Contribution ID: 1

Type: **not specified**

Opening remarks from the INAF President (TBC)

Tuesday 7 March 2023 08:00 (5 minutes)

Presenter: TAVANI, Marco (Istituto Nazionale di Astrofisica (INAF))

Session Classification: VHE and UHE Facilities

Contribution ID: 2

Type: **not specified**

Aim of the meeting

Tuesday 7 March 2023 08:10 (10 minutes)

Presenter: PARESCHI, Giovanni (Istituto Nazionale di Astrofisica (INAF))

Session Classification: VHE and UHE Facilities

Contribution ID: 3

Type: **not specified**

LHAASO status review

Tuesday 7 March 2023 08:20 (30 minutes)

Presenter: Prof. CAO, Zhen (IHEP - Chinese Academy of Science)

Session Classification: VHE and UHE Facilities

Contribution ID: 4

Type: **not specified**

ASTRI Mini-Array Status

Tuesday 7 March 2023 08:50 (20 minutes)

Presenter: Dr SCUDERI, Salvatore (Istituto Nazionale di Astrofisica (INAF))

Session Classification: VHE and UHE Facilities

Contribution ID: 5

Type: **not specified**

ASTRI Mini-Array Core Science

Tuesday 7 March 2023 09:10 (20 minutes)

Presenter: Dr VERCELLONE, Stefano (Istituto Nazionale di Astrofisica (INAF))

Session Classification: VHE and UHE Facilities

Contribution ID: 6

Type: **not specified**

ASTRI-Horn Preliminary Results

Tuesday 7 March 2023 09:30 (20 minutes)

Presenter: CATALANO, Osvaldo (Istituto Nazionale di Astrofisica (INAF))

Session Classification: VHE and UHE Facilities

Contribution ID: 7

Type: **not specified**

LHAASO recent results on dark matter studies

Tuesday 7 March 2023 09:50 (20 minutes)

Presenter: Prof. LI, Zhe (IHEP - Chinese Academy of Science)

Session Classification: VHE and UHE Facilities

Contribution ID: 8

Type: **not specified**

LHAASO Galactic sources review

Tuesday 7 March 2023 11:00 (30 minutes)

Presenter: Prof. AHARONIAN, Felix (MPIK, Germany)

Session Classification: PeVatrons

Contribution ID: 9

Type: **not specified**

PeVatron models: SNRs

Tuesday 7 March 2023 11:30 (20 minutes)

Presenter: MORLINO, Giovanni (Istituto Nazionale di Astrofisica (INAF))

Session Classification: PeVatrons

Contribution ID: **10**

Type: **not specified**

PeVatron models: Stellar Clusters

Tuesday 7 March 2023 11:50 (20 minutes)

Presenter: GABICI, Stefano

Session Classification: PeVatrons

Contribution ID: **11**

Type: **not specified**

PeVatron models: PWNe

Tuesday 7 March 2023 12:10 (20 minutes)

Presenter: AMATO, Elena (Istituto Nazionale di Astrofisica (INAF))

Session Classification: PeVatrons

Contribution ID: 12

Type: **not specified**

PeVatron studies with the ASTRI Mini-Array

Tuesday 7 March 2023 12:30 (20 minutes)

Presenter: Dr GIULIANI, Andrea (Istituto Nazionale di Astrofisica (INAF))

Session Classification: PeVatrons

Contribution ID: **13**

Type: **not specified**

XMM-LHAASO

Tuesday 7 March 2023 12:50 (20 minutes)

Presenter: PONTI, Gabriele (Istituto Nazionale di Astrofisica (INAF))

Session Classification: PeVatrons

Contribution ID: 14

Type: **not specified**

GRBs: what we know so far

Wednesday 8 March 2023 08:00 (20 minutes)

Presenter: NAVA, Lara (Istituto Nazionale di Astrofisica (INAF))

Session Classification: UHE GRBs and constraints on the standard physics

Contribution ID: 15

Type: **not specified**

Observation and interpretation of GRB 221009A using LHAASO-WCDA data

Wednesday 8 March 2023 08:20 (20 minutes)

Presenter: Prof. WANG, Xiang-Yu (Nanjing University)

Session Classification: UHE GRBs and constraints on the standard physics

Contribution ID: 16

Type: **not specified**

LHAASO-WCDA sensitivity for GRB observation and the further deep analysis plan on the GRB 221009A

Wednesday 8 March 2023 08:40 (20 minutes)

Presenter: Prof. YAO, Zhiguo (IHEP, Chinese Academy of Sciences)

Session Classification: UHE GRBs and constraints on the standard physics

Contribution ID: 17

Type: **not specified**

LHAASO-KM2A observation on GRB 221009A

Wednesday 8 March 2023 09:00 (20 minutes)

Presenter: Prof. CHEN, Songz Han (IHEP, Chinese Academy of Sciences)

Session Classification: UHE GRBs and constraints on the standard physics

Contribution ID: **18**

Type: **not specified**

Multi-TeV detection: beyond the standard physics ?

Wednesday 8 March 2023 09:20 (20 minutes)

Presenter: GALANTI, Giorgio (Istituto Nazionale di Astrofisica (INAF))

Session Classification: UHE GRBs and constraints on the standard physics

Contribution ID: **19**

Type: **not specified**

Radio Facilities

Wednesday 8 March 2023 10:00 (20 minutes)

Presenters: INGALLINERA, Adriano (Istituto Nazionale di Astrofisica (INAF)); UMANA, Grazia Maria Gloria (Istituto Nazionale di Astrofisica (INAF))

Session Classification: Synergies

Contribution ID: **20**

Type: **not specified**

Optical Facilities

Wednesday 8 March 2023 10:20 (20 minutes)

Presenter: COVINO, Stefano (Istituto Nazionale di Astrofisica (INAF))

Session Classification: Synergies

Contribution ID: **21**

Type: **not specified**

IXPE

Wednesday 8 March 2023 10:40 (20 minutes)

Presenter: MULERI, Fabio (Istituto Nazionale di Astrofisica (INAF))

Session Classification: Synergies

Contribution ID: 22

Type: **not specified**

eROSITA

Wednesday 8 March 2023 11:30 (20 minutes)

Presenter: Prof. SASAKI, Manami (Erlangen Centre for Astroparticle Physics)

Session Classification: Synergies

Contribution ID: 23

Type: **not specified**

CANCELLED - LSTs and MAGIC

Wednesday 8 March 2023 11:50 (20 minutes)

Presenter: ANTONELLI, Lucio Angelo (Istituto Nazionale di Astrofisica (INAF))

Session Classification: Synergies

Contribution ID: 24

Type: **not specified**

CTAO

Wednesday 8 March 2023 12:10 (20 minutes)

Presenter: ZANIN, Roberta (Istituto Nazionale di Astrofisica (INAF))

Session Classification: Synergies

Contribution ID: 25

Type: **not specified**

SWGO

Wednesday 8 March 2023 12:30 (20 minutes)

Presenter: Prof. CHIAVASSA, Andrea (INFN Torino)

Session Classification: Synergies

Contribution ID: 26

Type: **not specified**

RPC to extend the sensitivity of particle sampling arrays to low gamma ray energies

Wednesday 8 March 2023 12:50 (20 minutes)

Presenter: Prof. DI SCIASCIO, Giuseppe (INFN Roma)

Session Classification: Synergies

Contribution ID: 27

Type: **not specified**

Multi-messenger astrophysics

Wednesday 8 March 2023 13:10 (20 minutes)

Presenter: SPURIO, Maurizio (University of Bologna (Italy) and INFN)

Session Classification: Synergies

Contribution ID: 28

Type: **not specified**

Opening remarks from the UTG III Responsible

Tuesday 7 March 2023 08:05 (5 minutes)

Presenter: CAPPI, Massimo (Istituto Nazionale di Astrofisica (INAF))

Session Classification: VHE and UHE Facilities