

# **The First LHAASO Collaboration Conference in 2023**

Thursday, 9 February 2023 - Tuesday, 14 February 2023

Tianfu Cosmic Ray Research Center

## **Book of Abstracts**



# Contents

Open address . . . . .	1
The data analysis status of LHAASO-KM2A . . . . .	1
The data analysis status of LHAASO-WCDA . . . . .	1
The data analysis status of LHAASO-WFCTA . . . . .	1
A Large Cosmic Ray Bubble in the Cygnus-X . . . . .	1
The First LHAASO Catalog of Gamma-Ray Sources . . . . .	1
The first LHAASO-WCDA catalog of TeV gamma-ray sources . . . . .	1
Review of Cosmic Ray Research . . . . .	2
Measurement of the cosmic ray proton spectrum around the "knee" region with LHAASO	2
Cosmic ray spectrum of proton plus helium near "knee" region by LHAASO . . . . .	2
Constraining Cosmic-ray Injection from Pulsar Halos with Diffuse Galactic Gamma-ray Emission . . . . .	2
Investigation of the Ultra High Energy gamma-ray emission from the North Fermi Bubble with LHAASO-KM2A . . . . .	2
Measuring VHE diffuse gamma-ray emission from Galactic plane with LHAASO-WCDA	2
LHAASO measurement of Diffuse Gamma-ray Emission at high Latitude of Galactic Plane . . . . .	2
Analysis of Galactic diffuse gamma-ray emission from $\sim 1\text{TeV}$ to $20\text{TeV}$ with LHAASO- WCDA . . . . .	3
Diffuse gamma-ray emission around the massive star forming region of Carina Nebula Complex . . . . .	3
Gamma-ray Bursts with Peculiar Origins . . . . .	3
Constraints on the intergalactic magnetic field with $\gamma$ -ray observations of GRB 221009A	3
Research on very high energy radiation of GRB 190829A . . . . .	3
Low Energy Reconstruction with GRB20221009A Data . . . . .	3

Search for prompt emission of GRB221009A . . . . .	4
Study on VHE afterglow radiation of GRBs . . . . .	4
Discovery of a new $\gamma$ -ray source LHAASO J0057+6346 . . . . .	4
Discovery of UHE Source LHAASO J1959+1128 with a Binary Counterpart . . . . .	4
Discovery of the Very-High-Energy gamma-ray source LHAASO J1959+115 spatially associated with low mass X-ray binary 4U 1957+115 . . . . .	4
Discovery of Ultra-high-energy emission towards millisecond pulsar J0218+4232 by LHAASO . . . . .	4
LHAASO observation of the microquasar SS 433 region . . . . .	5
Modelling the X-ray emission of the magnetar wind nebula around Swift J1834.9-0846 . . . . .	5
search for very high energy gamma-ray bursts based on LHAASO-WCDA triggered data . . . . .	5
High-energy emissions from High-mass Gamma-ray binaries . . . . .	5
Lorentz violation of photons and electrons from LHAASO data . . . . .	5
Very extended sources in 100TeV gamma-ray data: Signatures of diffusion around past PeVatrons . . . . .	5
Observation of the SNR G106.3+2.7 region and the MGRO J1908+06 with LHAASO-KM2A . . . . .	6
Discovery of the UHE gamma-ray source LHAASO J2002+3238 spatially associated with SNR G69.7+1.0 . . . . .	6
LHAASO-KM2A observations towards the regions of G35.6-0.4 and G23.3-0.3 . . . . .	6
TeV emission toward SNR G57.2+0.8 . . . . .	6
High Energy Emission from SNR G150.3+4.5 . . . . .	6
Study of the W51 region . . . . .	6
Study of the W51 region . . . . .	6
Status of ENDA . . . . .	7
The operation of the electromagnetic particle detector array of KM2A . . . . .	7
Calibration of LHAASO-KM2A electromagnetic particle detectors . . . . .	7
Effects of environmental factors on LHAASO-ED . . . . .	7
Study on Performance Stability of LHAASO Electromagnetic Particle Detector . . . . .	7
Advance in the diagnosis system of experimental operational fault . . . . .	7
VHE gamma-ray emission from Geminga and LHAASO J1929+1745 . . . . .	8
On the diffusion property around Geminga with LHAASO-KM2A . . . . .	8

Preliminary WCDA Observation of Geminga Region . . . . .	8
An extended source identified by the Fermi-LAT and the LHAASO . . . . .	8
A PeVatron Candidate: Modelling the Boomerang Nebula in X-ray Band . . . . .	8
Calibration of Charge Efficiency in WCDA by Muon . . . . .	8
Energy Estimation of Gamma Rays in WCDA with the Lateral Distribution Function . . . . .	8
Performnce of WFCTA SiPM Camera . . . . .	9
Progress of calibration of WFCTA based on laser system . . . . .	9
The calibration system of LHAASO-WFCTA and its performance . . . . .	9
Forecasting the interplanetary magnetic field using the cosmic-ray Sun shadow measured by LHAASO-KM2A . . . . .	9
The Observation of Sun shadow and The Study of the Solar Magnetic Field with LHAASO- WCDA . . . . .	9
Moon Shadow Analysis with WCDA . . . . .	9
Preliminary Study of Particle Identification Using Topological Information of KM2A . . . . .	10
Study on horizontal air showers and neutrino with LHAASO-KM2A . . . . .	10
Possible origin of downward TGF in KM2A . . . . .	10
Simulation study on cosmic ray shower rate variation in KM2A during thunderstorm . . . . .	10
Variation of particle arrival time detected by LHAASO-KM2A during thunderstorm . . . . .	10
Investigation of the thunderstorm in 20220616 . . . . .	10
Study on the variation of Atmospheric Aerosol at LHAASO . . . . .	11
Observation on the Height Variation of the Atmospheric Boundary Layer on the Eastern Slope of the Qinghai-Tibet Plateau . . . . .	11
Hourly Measurement of Cosmic Ray Anisotropy by LHAASO WCDA at $\sim 1$ TeV: Effects of an Interplanetary Flux Rope during 2021 November . . . . .	11
TeV emission surrounding the high galactic latitude pulsar J1740+1000: a possible pulsar halo or a TeV source from the tail of bow shock . . . . .	11
Indication of an X-ray halo associated with HESS J1809-193: Implication for its gamma-ray origin and Prospect for LHAASO . . . . .	11
Observation of TeV halo of PSR J1831-0952 by LHAASO . . . . .	11
TeV Halo survey . . . . .	11
Prospect of detecting TeV halos with LHAASO: in the framework of the anisotropic diffu- sion model . . . . .	12

Study of two pulsar halo candidates around PSR J1915+1150 and PSR J0359+5415/PSR B0355+54 with LHAASO . . . . .	12
LHAASO-KM2A observation towards J0248+6021, another pulsar halo? . . . . .	12
The vision of using LHAASO Open Data for education and outreach . . . . .	12
Work on Online Processing Model . . . . .	12
Science and Technology Cloud with scientific data processing . . . . .	12
Supercomputer as a public service and collaboration with LHAASO project . . . . .	13
The status of lhaaso computing platform . . . . .	13
On the origin of ultrahigh energy photons from LHAASO J1843-0338 . . . . .	13
Observation of the UHE Gamma-ray emission from the region of J1959+2850 . . . . .	13
Detection of $\Upsilon$ -ray emission towards CTA1 by LHAASO . . . . .	13
Study of HESS J1825-137 Region at the Highest Energy with LHAASO . . . . .	13
Analysis of the Ultra-high-energy $\gamma$ -ray Emission toward the W43 Direction . . . . .	14
Progress of LHAASO observation Pulsar . . . . .	14
Preliminary observation of LHAASO J1956+2845 region with WCDA . . . . .	14
Research on LHAASO-KM2A performance optimization . . . . .	14
The fluorescence light simulation based on CORSIKA for LHAASO . . . . .	14
Update of the 3D-likelihood Analysis tools for KM2A . . . . .	14
measurement of shower maximum for cosmic rays with energy from 300TeV to 10PeV by LHAASO-WFCTA . . . . .	15
Method to measure muon content of extensive air showers with LHAASO KM2A-WCDA synergy . . . . .	15
Search for the Anisotropy of cosmic ray electron Based On LHAASO-WCDA . . . . .	15
Identifying the primary components of high energy cosmic rays on LHAASO-KM2A with an improved deep neural network . . . . .	15
Rigidity and energy reconstruction of cosmic rays using machine learning method . . . . .	15
A Survey of extra-galactic sources with full-WCDA data . . . . .	15
observation of TeV gamma-ray emission from Mrk 421 with LHAASO-KM2A . . . . .	15
Observation the gamma rays emission from the Mrk 421 and Mrk 501 with WCDA . . . . .	16
Forecasting the interplanetary magnetic field using the cosmic-ray Sun shadow measured by LHAASO-KM2A . . . . .	16

The Observation of Sun shadow and The Study of the Solar Magnetic Field with LHAASO-WCDA . . . . .	16
Progress report on nuclei flux measurement . . . . .	16
Probe cosmic ray composition with inclined air showers of LHAASO-KM2A . . . . .	16
Searching for neutrino signals correlated with LHAASO diffuse Galactic emission . . . . .	16
Neutrino Observations of LHAASO Sources: Present Constraints and Future Prospects . . . . .	17
Studying X-ray spectra of large-scale jets of FR II radio galaxies: application of shear particle acceleration . . . . .	17
TeV and keV-MeV Excesses as Probes for Hadronic Process in BL Lacertae . . . . .	17
The large-scale anisotropy of cosmic rays based on the LHAASO-KM2A . . . . .	17
Observation of Large-Scale Anisotropy of Proton above tens of TeV with LHAASO-KM2A . . . . .	17
Cosmic-ray anisotropy analysis using LHAASO-WCDA . . . . .	17
Properties of longitudinal development and lateral distribution of EAS from CORSIKA in the knee energy range . . . . .	18
Constraints on axion-like particle properties with LHAASO-KM2A of TeV Galactic sources . . . . .	18
Constraints on dark matter parameters from LHAASO's observations . . . . .	18
Dark Matter Search from Dwarf Spheroidal Galaxies with the LHAASO-KM2A . . . . .	18
Galactic diffusion . . . . .	18
Study of the $\gamma$ -Cygni SNR(G78.2+2.1) with LHAASO . . . . .	18
VHE gamma ray Observation from 12 UHE $\gamma$ -ray Galactic sources with the LHAASO-WCDA . . . . .	19
Working report of physical coordination committee . . . . .	19
Working report of publication committee . . . . .	19
Working report of speaker committee . . . . .	19
Galactic sources . . . . .	19
Cosmic ray . . . . .	19
Extra-galactic sources . . . . .	19
close remark . . . . .	20
LHAASO data opening strategy and discussion . . . . .	20
The institution report, 5 mins/institution . . . . .	20
Management of the LHAASO collaboration . . . . .	20

New applicant for joining in the LHAASO collaboration- Univeristy of the Punjab, Lahore, Pakistan . . . . .	20
New applicant for joining in the LHAASO collaboration- AstroParticle et Cosmologie (APC), Université Paris Cité . . . . .	20
New applicant for joining in the LHAASO collaboration- Nanchang University . . . . .	21
discussion about new applicants . . . . .	21
Other collaboration related issues . . . . .	21



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Plenary / 8

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Session 1 / 15

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Session 2 / 17

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Session 2 / 18

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Session 2 / 19

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Session 2 / 21

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Session 2 / 22

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Session 1 / 23

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Session 1 / 24

## **Discovery of UHE Source LHAASO J1959+1128 with a Binary Counterpart**

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Session 1 / 25

## **Discovery of the Very-High-Energy gamma-ray source LHAASO J1959+115 spatially associated with low mass X-ray binary 4U 1957+115**

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Session 1 / 26

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Session 1 / 27

## **LHAASO observation of the microquasar SS 433 region**

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Session 1 / 28

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Session 2 / 29

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## **High-energy emissions from High-mass Gamma-ray binaries**

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Session 2 / 31

## **Lorentz violation of photons and electrons from LHAASO data**

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Session 2 / 32

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Session 1 / 33

## **Observation of the SNR G106.3+2.7 region and the MGRO J1908+06 with LHAASO-KM2A**

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Session 1 / 34

## **Discovery of the UHE gamma-ray source LHAASO J2002+3238 spatially associated with SNR G69.7+1.0**

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Session 1 / 35

## **LHAASO-KM2A observations towards the regions of G35.6-0.4 and G23.3-0.3**

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Session 1 / 36

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Session 1 / 38

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Session 1 / 39

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Session 2 / 40

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Session 2 / 41

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Session 2 / 42

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Session 2 / 43

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Session 2 / 44

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Session 2 / 45

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**Session 1 / 46**

## **VHE gamma-ray emission from Geminga and LHAASO J1929+1745**

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**Session 1 / 47**

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**Session 1 / 48**

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**Session 1 / 49**

## **An extended source identified by the Fermi-LAT and the LHAASO**

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**Session 1 / 50**

## **A PeVatron Candidate: Modelling the Boomerang Nebula in X-ray Band**

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**Session 2 / 51**

## **Calibration of Charge Efficiency in WCDA by Muon**

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**Session 2 / 52**



## **Energy Estimation of Gamma Rays in WCDA with the Lateral Distribution Function**

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Session 2 / 53

## **Performnce of WFCTA SiPM Camera**

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Session 2 / 54

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Session 2 / 55

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Session 1 / 56

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Session 1 / 57

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Session 1 / 58

## **Moon Shadow Analysis with WCDA**

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Session 1 / 59

### **Preliminary Study of Particle Identification Using Topological Information of KM2A**

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Session 1 / 60

### **Study on horizontal air showers and neutrino with LHAASO-KM2A**

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Session 2 / 61

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Session 2 / 62

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Session 2 / 63

### **Variation of particle arrival time detected by LHAASO-KM2A during thunderstorm**

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Session 2 / 64

### **Investigation of the thunderstorm in 20220616**

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Session 2 / 65

## **Study on the variation of Atmospheric Aerosol at LHAASO**

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Session 2 / 66

## **Observation on the Height Variation of the Atmospheric Boundary Layer on the Eastern Slope of the Qinghai-Tibet Plateau**

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Session 1 / 67

## **Hourly Measurement of Cosmic Ray Anisotropy by LHAASO WCDA at ~1 TeV: Effects of an Interplanetary Flux Rope during 2021 November**

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Session 1 / 68

## **TeV emission surrounding the high galactic latitude pulsar J1740+1000: a possible pulsar halo or a TeV source from the tail of bow shock**

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Session 1 / 69

## **Indication of an X-ray halo associated with HESS J1809-193: Implication for its gamma-ray origin and Prospect for LHAASO**

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Session 1 / 70

## **Observation of TeV halo of PSR J1831-0952 by LHAASO**

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Session 1 / 71

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Session 1 / 72

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Session 1 / 73

## **Study of two pulsar halo candidates around PSR J1915+1150 and PSR J0359+5415/PSR B0355+54 with LHAASO**

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Session 1 / 74

## **LHAASO-KM2A observation towards J0248+6021, another pulsar halo?**

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Session 2 / 75

## **The vision of using LHAASO Open Data for education and outreach**

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Session 2 / 76

## **Work on Online Processing Model**

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Session 2 / 77

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**Session 1 / 80**

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**Session 1 / 81**

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**Session 1 / 83**

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**Session 1 / 84**

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**Session 1 / 85**

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Session 1 / 90

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Session 1 / 92

**Search for the Anisotropy of cosmic ray electron Based On LHAASO-WCDA**

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Session 1 / 93

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Session 1 / 94

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Session 1 / 99

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Session 1 / 100

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Session 2 / 102



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Session 2 / 103

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Session 2 / 104

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## **TeV and keV-MeV Excesses as Probes for Hadronic Process in BL Lacertae**

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Session 1 / 106

## **The large-scale anisotropy of cosmic rays based on the LHAASO-KM2A**

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Session 1 / 107

## **Observation of Large-Scale Anisotropy of Proton above tens of TeV with LHAASO-KM2A**

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Session 1 / 108

## **Cosmic-ray anisotropy analysis using LHAASO-WCDA**

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Session 1 / 109

## **Properties of longitudinal development and lateral distribution of EAS from CORSIKA in the knee energy range**

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Session 2 / 110

## **Constraints on axion-like particle properties with LHAASO-KM2A of TeV Galactic sources**

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Session 2 / 111

## **Constraints on dark matter parameters from LHAASO's observations**

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Session 2 / 112

## **Dark Matter Search from Dwarf Spheroidal Galaxies with the LHAASO-KM2A**

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Plenary / 113

## **Galactic diffusion**

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Plenary / 114

## **Study of the $\gamma$ -Cygni SNR(G78.2+2.1) with LHAASO**

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**Plenary / 115**

## **VHE gamma ray Observation from 12 UHE $\gamma$ -ray Galactic sources with the LHAASO-WCDA**

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**Conclusion & discussion / 116**

## **Working report of physical coordination committee**

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**Conclusion & discussion / 117**

## **Working report of publication committee**

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**Conclusion & discussion / 118**

## **Working report of speaker committee**

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**Conclusion & discussion / 119**

## **Galactic sources**

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**Conclusion & discussion / 120**

## **Cosmic ray**

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**Conclusion & discussion / 121**

## **Extra-galactic sources**

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**Conclusion & discussion / 122**

## **close remark**

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**IB Meeting / 123**

## **LHAASO data opening strategy and discussion**

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**IB Meeting / 124**

## **The institution report, 5 mins/institution**

**IB Meeting / 125**

## **Management of the LHAASO collaboration**

1. The students entry rules for the collaboration author list
2. Funds application using LHAASO date
3. Committees renew
4. ???

**IB Meeting / 126**

## **New applicant for joining in the LHAASO collaboration- Univeristy of the Punjab, Lahore, Pakistan**

**IB Meeting / 127**

## **New applicant for joining in the LHAASO collaboration- AstroParticle et Cosmologie (APC), Université Paris Cité**

**IB Meeting / 128**

**New applicant for joining in the LHAASO collaboration- Nanchang University**

**IB Meeting / 129**

**discussion about new applicants**

**IB Meeting / 130**

**Other collaboration related issues**