

Notice: The poster should be vertical with dimensions of 60 cm wide by 120 cm tall !

2024/10/25

| NO. | Submitted for tracks | Title | Speaker | Time |
|--------------------------|----------------------|--|----------------|-------|
| POS-1 | SNR | The updated analysis results from LHAASO data in the 2-degree range around G57.2+0.8: What is the origin of the localized high-energy cosmic rays? | Rui Zhang | 14:55 |
| POS-2 | | GeV Gamma-Ray Emission from SNR G156.2+5.7 with Fermi Large Area Telescope | 扬轩 刁 | 15:00 |
| POS-3 | | Update on the analysis of SNR CTB 109 with LHAASO | Huicai Li | 15:05 |
| POS-4 | | Observation of SNR W44 and its surroundings | Hanrong WU | 15:10 |
| POS-5 | | Two origin sources for 1LHAASOJ2047+4434? | Jing Guo | 15:15 |
| POS-6 | | SNR G54.1+0.3, a PeVatron candidate unveiled by LHAASO | 羿含 施 | 15:20 |
| POS-7 | | Correlation between the gamma-ray spectral index and density of the background in SNRs | 源 李 | 15:25 |
| POS-8 | | The analysis for 1LHAASO J1850-0004u, a nearby source of 1LHAASO J1852+0050u coincide with Kes 78 | Yun-Zhi Shen | 15:30 |
| POS-9 | PWN/Halo | "Mirage" and large offsets as a result of asymmetric CR diffusion | 逸炜 包 | 15:35 |
| POS-10 | | Modeling the Spatial Offset and Multiband Spectra of Ultra-High Energy Gamma-ray Emission from PSR J1740+1000 | Manpreet Singh | 15:40 |
| POS-11 | | Progress of the analysis of the Geminga pulsar halo | 永健 魏 | 15:45 |
| POS-12 | | Update on the analysis of CTB 87 with LHAASO | Xiao Zhang | 15:50 |
| POS-13 | | A pulsar wind nebular or TeV halo powered by PSR J1853+0056? | 晨 黄 | 15:55 |
| POS-14 | | Observation of TeV halo candidate LHAASO J2005+3051 | 鸿飞 张 | 16:00 |
| POS-15 | | Exploring the PWN scenarios in the explaining of LHAASO's peanut structure | 才津 谢 | 16:05 |
| POS-16 | | Impact of interstellar magnetic field parameters on the asymmetry of pulsar halos | 源 李 | 16:10 |
| coffee break 16:15-16:25 | | | | |
| POS-17 | PWN/Halo | Finding candidate pulsar TeV halos among VHE sources | 冬 郑 | 16:25 |
| POS-18 | | Energy-Dependent analyses of the gamma-ray emission from 1LHAASO J1858+0330 with LHAASO | Nan Bai | 16:30 |
| POS-19 | | A One-Zone Model Analysis of some LHAASO Sources | 蔡成淼 | 16:35 |
| POS-20 | | The study of high-energy flares phenomena of the Crab | 张俊洋 | 16:40 |
| POS-21 | | Study of Pulsar Radial Velocity with Observations of Its Gamma-ray Pulsar Halo | 伟康 高 | 16:45 |
| POS-22 | | Discovery of Gamma-ray emission spatially associated with S147/PSR J0538+2817 by LHAASO WCDA and KM2A data | 崇阳 任 | 16:50 |
| POS-23 | Diffuse gamma-ray | Study the spatial distribution and spectral energy distribution of 0μ events | 艳红 于 | 16:55 |
| POS-24 | | Search for γ -ray emissions from nearby molecular clouds based on LHAASO-KM2A experiment | 韬 文 | 17:00 |
| POS-25 | | The contribution of unresolved pulsars to the ultra high-energy diffuse gamma-ray emission of KM2A | Samy Kaci | 17:05 |
| POS-26 | Binary | Search for very-high-energy gamma-ray emission from a gamma-ray binary LS5039 | Hongkui Lv | 17:10 |

| POS-27 | UNID | Analysis an unidentified hotspot with LHAASO | Zhang Jianli | 17:15 |
|--------------------------|--------------------------|--|----------------|-------|
| POS-28 | GRB | Searching for late High-Energy Afterglows of Gamma-Ray Bursts Using LHAASO High-Energy Photon Sky Survey I | 霖 周 | 17:20 |
| POS-29 | | GRB monitoring system and GRB searching results with LHAASO-WCDA | 勇 黄 | 17:25 |
| POS-30 | | A second relativistic particle component in GRB afterglow: Insights from LHAASO's observation on GRB 221009A | 星维 龚 | 17:30 |
| POS-31 | New physics | Recent progress in the search for ultraheavy dark matter from Andromeda Galaxy | Kang Jia | 17:35 |
| poster time 17:40-18:20 | | | | |
| 2024/10/27 | | | | |
| NO. | Submitted for tracks | Title | Speaker | Time |
| POS-32 | Extra-galactic sources | Monitoring and Research of AGNs with the LHAASO-KM2A Experiment | 韬 文 | 14:45 |
| POS-33 | | Search for TeV emission from Starburst and Star-forming Galaxies with LHAASO Using the Stacking Analysis | 晓斌 陈 | 14:50 |
| POS-34 | | The observation of IC 310 flaring | 梓杰 黄 | 14:55 |
| POS-35 | | Limitation on Very-high-energy Gamma-ray from Starburst Galaxies | Ziwei Ou | 15:00 |
| POS-36 | | The long term observation of Mkn 501 by LHAASO-WCDA | 迪滋 肖 | 15:05 |
| POS-37 | | The observation of 1ES 1959 + 650 outbursting | Guangman Xiang | 15:10 |
| POS-38 | | The spectral variation of blazars at optical and gamma-ray band | 云国 姜 | 15:15 |
| POS-39 | Detector & Data Analysis | Performance of LHAASO-KM2A at large zenith angles and observations of the Galactic Center region | 文莲 李 | 15:20 |
| POS-40 | | Stability and Consistency of neutron detection at ENDA-HZS-64 | 恒瑜 张 | 15:25 |
| POS-41 | | Analysis of Coincident Events between ENDA and KM2A | 东 曲 | 15:30 |
| POS-42 | | Simulation of a lake array proposal for SWGO | 天扬 李 | 15:35 |
| POS-43 | | Fast simulation program for ENDA experiment | Kirill Kurinov | 15:40 |
| POS-44 | | Identification of cosmic ray components using deep learning methods for LHAASO-KM2A | Huang Zhihao | 15:45 |
| POS-45 | | Study of large zenith angle cosmic ray Moon Shadow with LHAASO-KM2A. | 全 张 | 15:50 |
| POS-46 | | LOST Project | 睿仪 唐 | 15:55 |
| POS-47 | | Operational Maintenance of the WFCTA Laser Calibration System | 杨惠民 | 16:00 |
| coffee break 16:05-16:15 | | | | |
| POS-48 | Cosmic-ray physics | Pinpoint Solar Gamma Ray Production Site in PFSS Magnetic Field with Simulation | Chingam Fong | 16:15 |
| POS-49 | | Constraining the anti-p/p Ratio with Observations of the Moon Shadow by WCDA | 璐瑶 王 | 16:20 |
| POS-50 | | Sensitivity analysis of LHAASO's detection of cosmic neutrino | 雨凡 范 | 16:25 |
| POS-51 | | Energy reconstruction of cosmic rays at large zenith angle by deep learning | 立风 陈 | 16:30 |
| POS-52 | | Observations of Anisotropys of Very High Energy Cosmic-ray Proton with LHAASO-KM2A | Jiayin He | 16:35 |
| POS-53 | | Study the Association between Hourly Cosmic-Ray Anisotropy Measurements and Solar ICME Events Using LHAASO-WCDA data | 叶轩昂 | 16:40 |

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| POS-54 | | Measurement of the fluctuations in cosmic-ray mass in EAS within 0.3-30 PeV | 晓婷 丰 | 16:45 |
| POS-55 | | Cosmic-ray sun shadow observation with LHAASO-KM2A | 邢厚地 | 16:50 |
| POS-56 | | The measurements of inelastic cross section of proton-air with LHAASO | 倪铭阳 | 16:55 |
| POS-57 | | The Observation of Solar Shadow and The Study of the Solar Magnetic Field with LHAASO | 夏捷 | 17:00 |
| POS-58 | | Angular Power Spectrum of TeV-PeV Cosmic Ray Anisotropies | 稳懿 边 | 17:05 |
| POS-59 | Others | Temporal variations of EAS particles produced by vertical protons during thunderstorms | 如梦 魏 | 17:10 |
| POS-60 | | Simulation study of the RREA process in thunderclouds induced by cosmic rays | 天 周 | 17:15 |
| POS-61 | | Monte Carlo simulation of coincident events between ENDA and KM2A | Fanping Li | 17:20 |
| POS-62 | | Analyzing thunderstorm events based on triggering data from KM2A and WCDA | 佰宁 徐 | 17:25 |
| POS-63 | | A Python-based, GPU-accelerating, and extensible software framework for gamma-ray source analysis with both LHAASO-WCDA and LHAASO-KM2A | 勇 黄 | 17:30 |
| POS-64 | | Enhancing the Angular Resolution of LHAASO with Convolutional Neural Network | 梓航 刘 | 17:35 |
| POS-65 | | Thunderstorm effects on the counting rate due to cosmic rays with KM2A in scaler mode | 科骏 郭 | 17:40 |
| POS-66 | | Pulsar halo candidate in SNR G205 region with LHAASO | 董凌志 | 17:45 |
| poster time 17:50-18:30 | | | | |