Contribution ID: **41** Type: **Oral report (20min)**

Update on the analysis of the SNR G150.3+4.5

Saturday, 25 November 2023 11:04 (22 minutes)

Based on the results of SNR G150.3+4.5 at the 38th International Cosmic Ray Conference (ICRC2023), we updated several main results: (1) Using the updated data, we obtained two Gaussian distributions, which basically corresponded to the energy segments of WCDA and KM2A by conjoint analyzing WCDA and KM2A data; (2) Using CO data from the Milky Way Imaging Scroll Painting survey (MWISP), it is found that the KM2A region is in good agreement with the molecular cloud, and combined with Gaia data, the distance of the SNR G150.3+4.5 is accurately obtained, about 740pc; (3) Obtain radio flux in 4.8 GHz and 1.4 GHz of the whole of SNR G150.3+4.5; (4) Using the data of FAST observation in the KM2A region for about 0.5 hours, no pulse signal was found. Our results imply that The VHE emission (KM2A) almost comes from the hadronic origin and the HE emission (WCDA) comes from lepton origin of SNRs.

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Session Classification: Plenary talks