

Multi-wavelength study of HBL 1ES 1959+650 during various flares over 6 years of major activities

Wednesday 15 September 2021 14:00 (15 minutes)

1ES 1959+650 is a well known HBL with its synchrotron peak lying in soft X-ray band (0.3-10.0keV). It is also observed that the peak position of synchrotron component changes significantly with the brightness state of this blazar. This source underwent first major TeV activity in 2015 after a long silence in VHE bands. We have compiled all the multi-wavelength data between 2015 to 2021 accumulated over almost entire energy spectrum. A rigorous spectral and temporal investigation is performed to understand the detailed nature of the variability observed over the years. We plan to provide a detailed presentation of the findings during the conference.

Abstract field

Primary author: Dr CHANDRA, Sunil (SAAO)

Co-authors: BOETTCHER, Markus (North-West University); ZACHARIAS, Michael (Laboratoire Univers et Théories, Observatoire de Paris, Université PSL, CNRS, Université de Paris, 92190 Meudon, France)

Presenter: Dr CHANDRA, Sunil (SAAO)

Session Classification: AGN III

Track Classification: Active Galactic Nuclei