

S36a **Very High Energy observations and multiwavelength study of blazar 1ES 1218+304**

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The blazar 1ES 1218+304 is a high-synchrotron peaked BL Lac object at a cosmological redshift $z = 0.182$. It was first detected in Very-High Energies (VHE, $E > 100$ GeV) by the MAGIC telescope in 2006. 1ES 1218+304 is known for showing strong flux variability with occasional outbursts across the electromagnetic spectrum. This source also exhibits an atypically hard VHE spectrum. The Large-Sized Telescope prototype (LST-1) for the Cherenkov Telescope Array Observatory (CTAO) observed 1ES 1218+304 during its moderate activity in the VHE band from February to April 2023. In this presentation, we report the detection of 1ES 1218+304 by LST-1 above 100 GeV with $>5\sigma$ significance along with a preliminary multiwavelength study including quasi-simultaneous observations by Fermi-LAT, Swift-XRT, and Swift-UVOT. During this period, the MAGIC telescopes also observed 1ES 1218+304 simultaneously with LST-1. Such joint operation of MAGIC and LST-1 corresponds to the most sensitive Cherenkov telescope. The preliminary joint MAGIC+LST-1 data analysis of 1ES 1218+304 indicates a better detection significance due to improved sensitivity.