

Multi-wavelength and multi-messenger observations of blazars and theoretical modeling

Thursday 13 January 2022 11:00 (40 minutes)

This talk will review recent advances in multi-wavelength observations of blazars as well as indications of associations of very-high-energy neutrino events with blazars. Physics constraints that may be drawn from such associations will be reviewed. Recent work on consistent particle acceleration and time-dependent radiation transfer modeling in mildly relativistic shocks in blazar jets will also be highlighted.

Author: BOETTCHER, Markus (North-West University)

Presenter: BOETTCHER, Markus (North-West University)

Session Classification: Gamma ray astronomy IV