

## **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.

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**Session Classification:** Gamma ray astronomy IV