Raiteri et al., MNRAS, (2015), 454, 353

A curved jet model for the synchrotron emission of the BL Lac object PG 1553+113

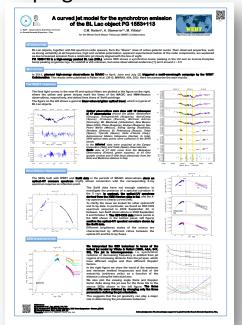
C.M. Raiteri^a, A. Stamerra^{a,b}, M. Villata^a for the Whole Earth Blazar Telescope (WEBT) Collaboration.

- Blazar, radio-loud, HBL, z~0.5
- γ-ray emitter and TeV source

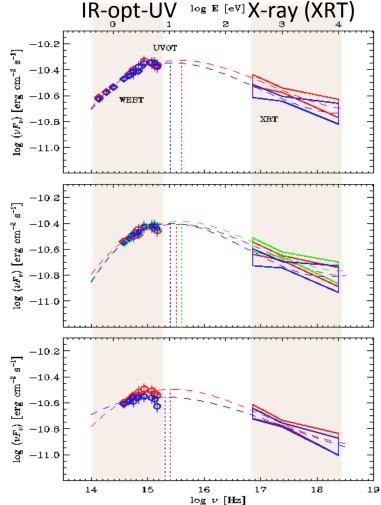
Evidence of ~2 year periodicity

A.Stamerra talk on Tuesday

➤ WEBT multi-wavelength campaign in 2013







- Synchrotron peak ~10 eV
- Problem in connecting UV and X-ray

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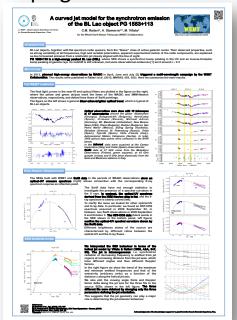
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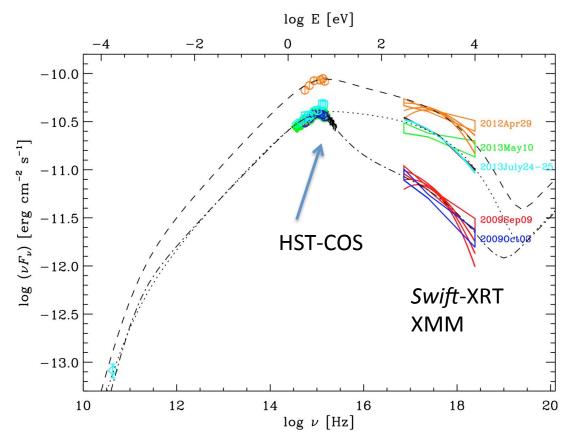
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- Archival data added to SED
- Fit with helical jet model Villata&Raiteri 1999
- Different states can be fit just changing geometric parameters