



PhD Summer School on Neutrinos

**Here, There & Everywhere**

July 11-15, 2022

Niels Bohr Institute, Copenhagen

Contribution ID: 72

Type: **Oral**

## Lepto-hadronic modelling of TXS0506+056 blazar

Monday 11 July 2022 14:12 (12 minutes)

TXS0506+056 is the first-ever known blazar having coincidence with IceCube neutrino alert 170922A, this source has been observed in multi-wavelengths during different epochs. Multi-wavelengths study of this source during different epochs with electron synchrotron and proton synchrotron using the GAMERA package has been presented.

**Author:** .., Sunanda (Indian Institute of Technology Jodhpur, Rajasthan India)

**Co-author:** Dr MOHARANA, Reetanjali (Indian Institute of Technology Jodhpur, India)

**Presenter:** .., Sunanda (Indian Institute of Technology Jodhpur, Rajasthan India)

**Session Classification:** Student Talks