

# Multimessenger Constraints on Intergalactic Magnetic Fields from Flaring Objects

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## **What is this contribution about?**

- ▶ A new method to constrain Intergalactic Magnetic Fields (IGMFs) using multimessenger observations

## **What have we done?**

- ▶ We applied the method to the particular case of the IceCube neutrino event IC-170922A which is associated with the 2017 flare of the blazar TXS 0506+056

## **Why is it relevant?**

- ▶ IGMFs have a significant impact on various astrophysical and cosmological phenomena

## **What is the result?**

- ▶ Constraints on both the field strength *and* the correlation length of Intergalactic Magnetic Fields