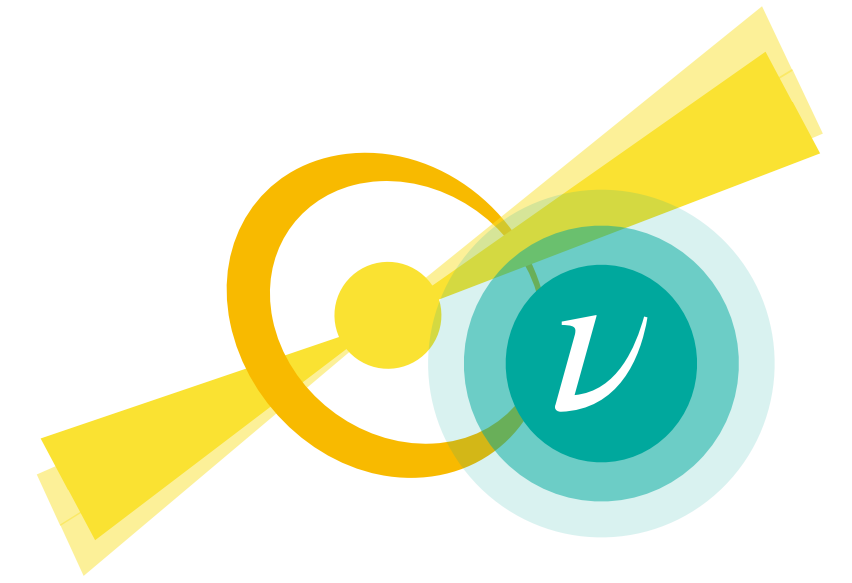


EVALUATING COSMIC COINCIDENCES



WHAT?

Using information about source populations to better understand proposed multi-messenger associations

WHY?

To fully exploit existing data with relatively straightforward methods

HOW?

Using simulations of e.g. blazar populations and neutrino observations

RESULTS:

Estimates for the chance coincident rate of different observations, and constraints on the gamma-ray – neutrino connection

Francesca Capel

Postdoc at the TU Munich and ORIGINS Data Science Lab

