

## *“Cosmology using weekly global VLBI”*

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Abstract:

Recently there has been hints of a time variable dark energy. Over the past several years, I have been attempting to measure distances to blazars by using the speed of light to calibrate a standard ruler, potentially giving one of the only ways to independent confirm or deny these claims. Archival data is not well suited to this kind of experiment, so by teaming up with geodetic VLBI astronomers, I have been performing weekly global VLBI using the Korean VLBI network, Mopra in Australia and HartRAO in South Africa. I present early results and progress.

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Lugar: Seminario de Física Teórica