

AGN interferometric observations to measure cosmological distances

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The AGN MELBA project aims to construct a precise multi-scale and multi-wavelength model of nearby AGNs by combining various high angular resolution adaptive optics and interferometric observations. A crucial goal of this project is to enhance the "SARM method", which allows for the measurement of cosmological distances independently from classical methods.

I will provide an overall presentation of the project while emphasizing my contribution, which involves developing a new image reconstruction algorithm that improves the quality of adaptive optics and interferometric images of nearby AGNs.

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Classification de Session: Presentations