

# Catching supermassive black holes with Rubin-LSST: Towards novel insights and discoveries into AGN science

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## The Timedomes in-kind project: a status update

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I will present the status of the Timedomes project, proposed as an in-kind contribution to the LSST collaboration. The program is targeting 4 sq.deg. of four of the LSST DDFs in two bands with 8 or more epochs each semester, in order to cover the time span from now until the beginning of LSST operations. These data, complemented by all archival VST observations dating back to 2011, will allow to build a legacy dataset of images and light curves to extend the DDF monitoring effort up to 20 years, to study the AGN power spectrum, identify AGNs by means of variability and test the unified model predictions.

### **Funding request, please specify**

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