

Abstract Submitted
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Time Series Photometry with Small Aperture Telescopes RYAN OELKERS, Texas A&M University, AGGIECAM COLLABORATION, CSTAR COLLABORATION — In the past decade small aperture telescopes ($d < 20$ cm) have been shown to produce high quality photometry. These telescopes have advantages over their larger counterparts by being highly reproducible, low cost and highly accessible. Texas A&M University has been involved in two projects using small aperture telescopes, CSTAR and AggieCam, to study the time series nature of variable stars, exoplanet migration theory and stellar formation. We present the preliminary results of these studies and possible future collaborative efforts to install another such telescope in the Indian Himalayas.

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