

ECHO Calibration using stable or well known variable stars

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We will discuss the stability of bright field G stars and stars observed by COROT and KEPLER in order to use them as calibration source for the ECHO mission. Kepler has shown that over 30 days, 60 % of G stars are stable at the level of 10^{-5} . As a consequence, the 500 nearby and bright ones ($K < 5.5$) are very suitable sources. Moreover, very well characterised variable sources from COROT and KEPLER can also be used as calibration sources. We will propose a calibration strategy for the ECHO mission.