
Asteroseismology of Solar-Like Oscillators with K2

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Abstract

The K2 mission provides the opportunity to extend Kepler's numerous detections of solar-like oscillators to the ecliptic plane. In particular, asteroseismology of bright stars (including exoplanet host stars) with independent constraints from ground-based observations and the detection of large numbers of oscillating giants will allow unique possibilities to model oscillation frequencies and study galactic stellar populations beyond the original Kepler field. In this talk I will present early K2 results for the detection of oscillations in main-sequence, sub-giant and giant stars, and discuss the implications of K2's photometric precision compared to the nominal Kepler mission for the study of solar-like oscillations.

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