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Title: The Kepler Follow-Up Observation Program  
Type: Poster  
Session: Exoplanet Statistics, False Positives, and Completeness Corrections  
Abstract: Co-Authors: The Kepler Follow-Up Observing Team

Beginning just a few months after launch, the Kepler project has engaged in a concentrated follow-up observation program (FOP) with the aim to characterize the host stars, to identify false positive systems, and to enable better characterization of the planetary candidates. In addition to the vetting of the Kepler Objects of Interest (KOIs) with the mission and light curve data, the FOP observations of the KOIs have included spectroscopic observations for stellar classification and binary star searches, seeing-limited imaging of individual KOIs and the entire Kepler field for stellar characterization and for identification of wide-binary/line-of-sight companions to the KOIs, and high spatial resolution imaging for identification of close-in binary companions to the KOIs. Observations include spectroscopy and radial velocity observations from Whipple, McDonald, Keck, Lick, NOT, and KPNO-4m Observatories, seeing-limited imaging of the entire field with UKIRT and KPNO, and high spatial resolution imaging of selected KOIs with Lick, Palomar, MMT, Calar Alto, WIYN, Gemini, and Keck Observatories. All FOP data is available to the community through the Kepler Community Follow-Up Observation Program website (<https://cfop.ipac.caltech.edu>). The poster presents an overview of the observations made by the follow-up observers over the past 4.5 years.