

Name: Jeffrey Smith
Email: jeffrey.smith@nasa.gov
Institution: SETI Institute / NASA Ames
Title: Improvements to the Presearch Data Conditioning Component of the Kepler Pipeline
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Abstract: The Presearch Data Conditioning (PDC) component of the Kepler Pipeline continues to improve. Here we present the current status of PDC and near future improvements to the algorithm. This includes a new centroid optimum aperture based prior that has been demonstrated to perform better than the RA, Dec and magnitude prior we previously used. We will also discuss improvements to the wavelet based multi-scale MAP method and other aspects of PDC to improve CDPP, transit and stellar signal preservation.