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Title: Future Kepler Mission Plans
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Abstract: The Kepler Spacecraft began its science mission on May 12, 2009. After 4 years of transit science collection, in May 2013, the 2nd of 4 reaction wheels failed, preventing continued primary mission science data collection. Although the failed reaction wheels appear irrecoverably lost, the instrument and spacecraft have shown limited aging effects, and fuel usage is ample for extended operation. In response to the loss of the reaction wheels a new pointing approach to support a re-scoped science mission is being identified. Initial 2-wheel pointing has been implemented on the spacecraft and preliminary results are encouraging. A current assessment of spacecraft performance expectations will be presented. Meanwhile, the primary Kepler mission continues with the processing of the four years of precision photometric data.