

## **KAKAPO: A Kepler and K2 Transient detection Pipeline**

We present *KAKAPO*, the *Kepler and K2 Analysis of Phast-evolving Objects* pipeline for detecting transients in the *Kepler/K2* space telescope. *KAKAPO* reliably recovers known transient events using effective Point-Spread Function Correlation matching and is currently searching for new events. In this poster we present the pipeline and the initial results.

**Author:** LANE, Zachary (University of Canterbury)

**Co-authors:** REST, Armin (Space Telescope Science Institute); Mr SHUKAWA, Koji (Johns Hopkins University); Dr WANG, Qinan (Massachusetts Institute of Technology); Dr RIDDEN-HARPER, Ryan (University of Canterbury); Ms REST, Sofia (Johns Hopkins University)

**Presenter:** LANE, Zachary (University of Canterbury)