

SEDM Spectrograph for Automated Classification of Astronomical Events

This article describes design and observation results of the SEDM spectrograph. The instrument was designed for automated classification of transient astronomical events like supernovae. It has been in operation at the Palomar 60-inch telescope and uses 2 large area PIXIS cameras for photometric and spectroscopic detection.

Featured Paper/ Publication: [The SED Machine: A Robotic Spectrograph for Fast Transient Classification](#),
Publications of the Astronomical Society of the Pacific, 2018

Reference Lab: Karl Vyhmeister, Caltech, USA

Products used: [PIXIS](#)