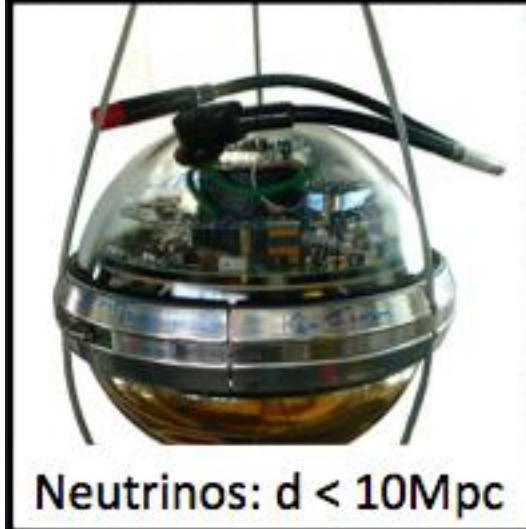
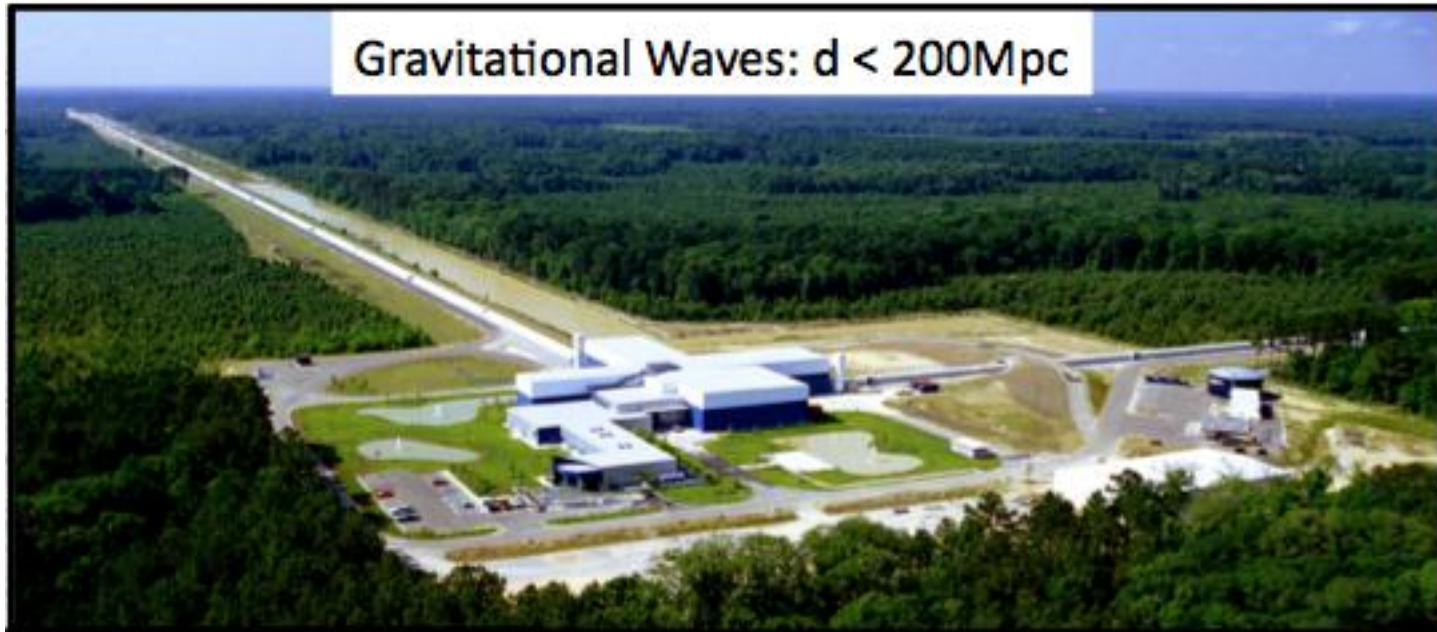


SED Machine

A Transient Classifier

Electromagnetic counterparts to physics experiments.



Palomar Transient Factory

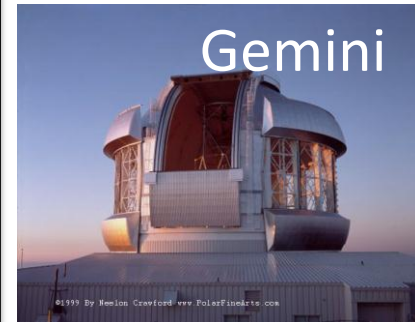
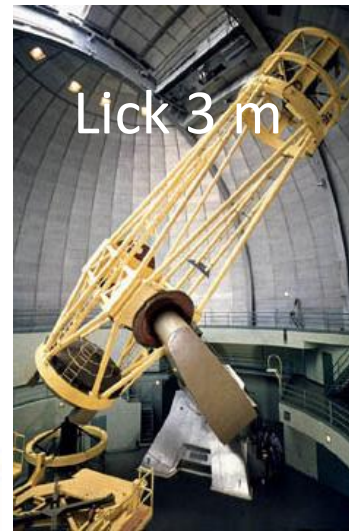
Spectral Classification

Follow up

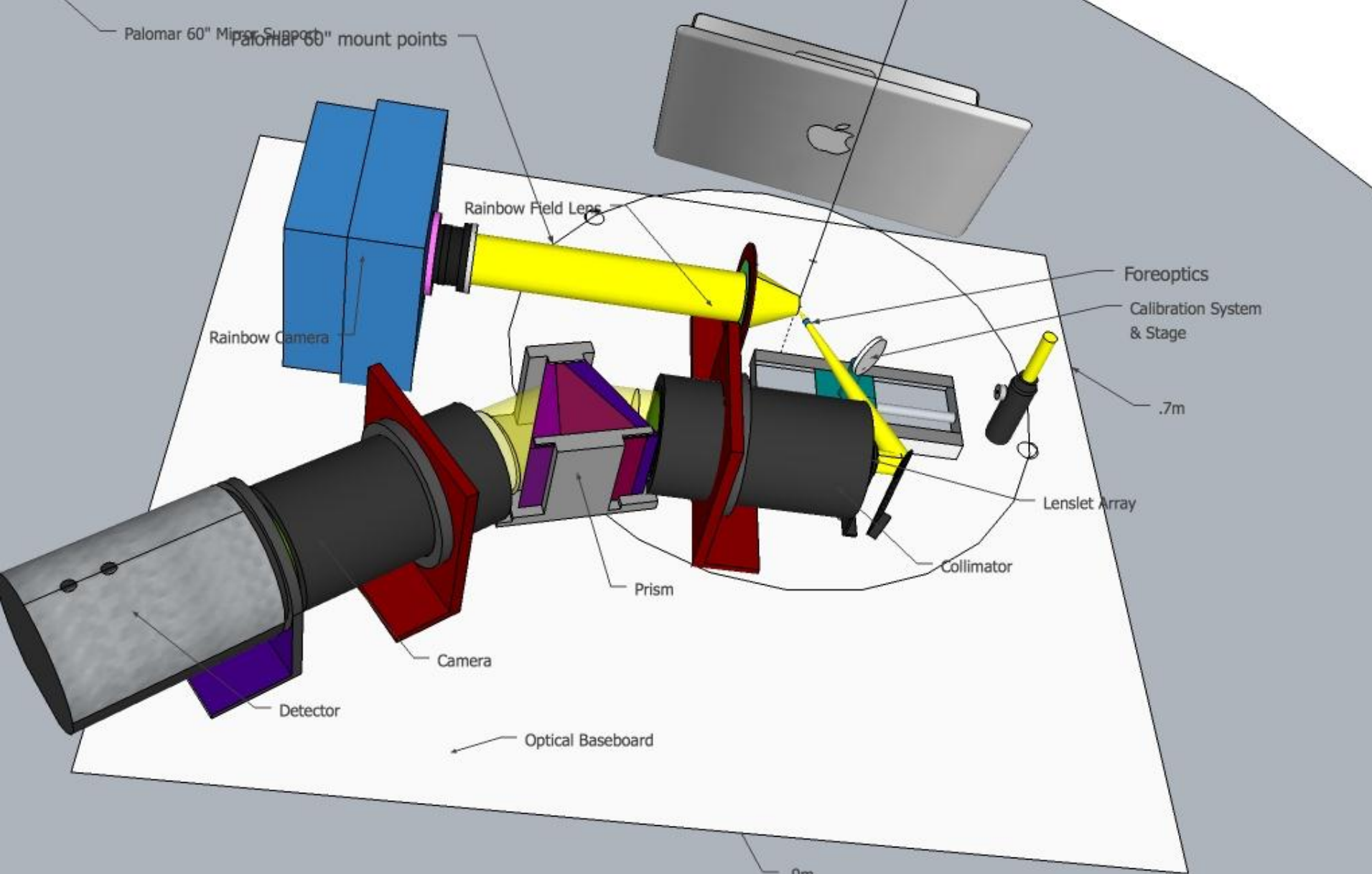
Discovery



+ four band imaging

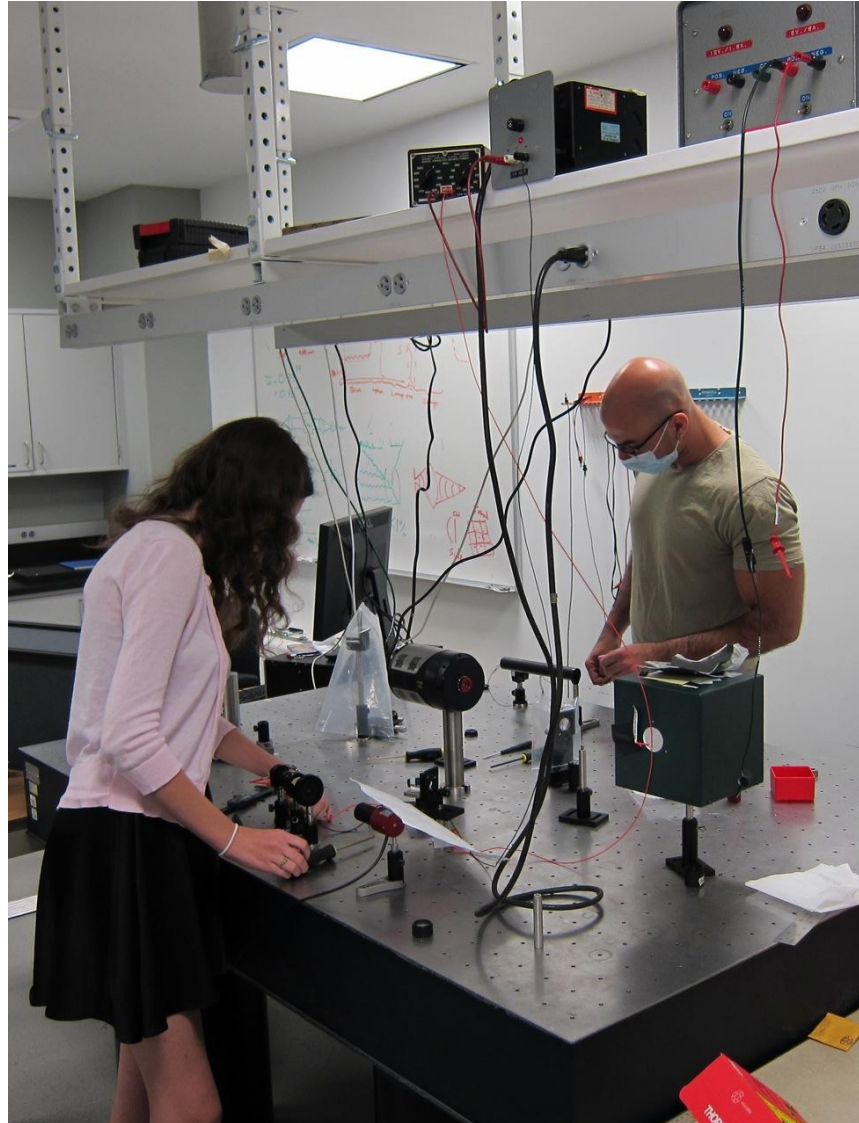


The **SED Machine's** conceptual design is a pathfinder, designed to maximize classification throughput on 1.5- to 4-m telescopes.



Hardware Testing Ongong

Kathleen
Knobbe (CIT)

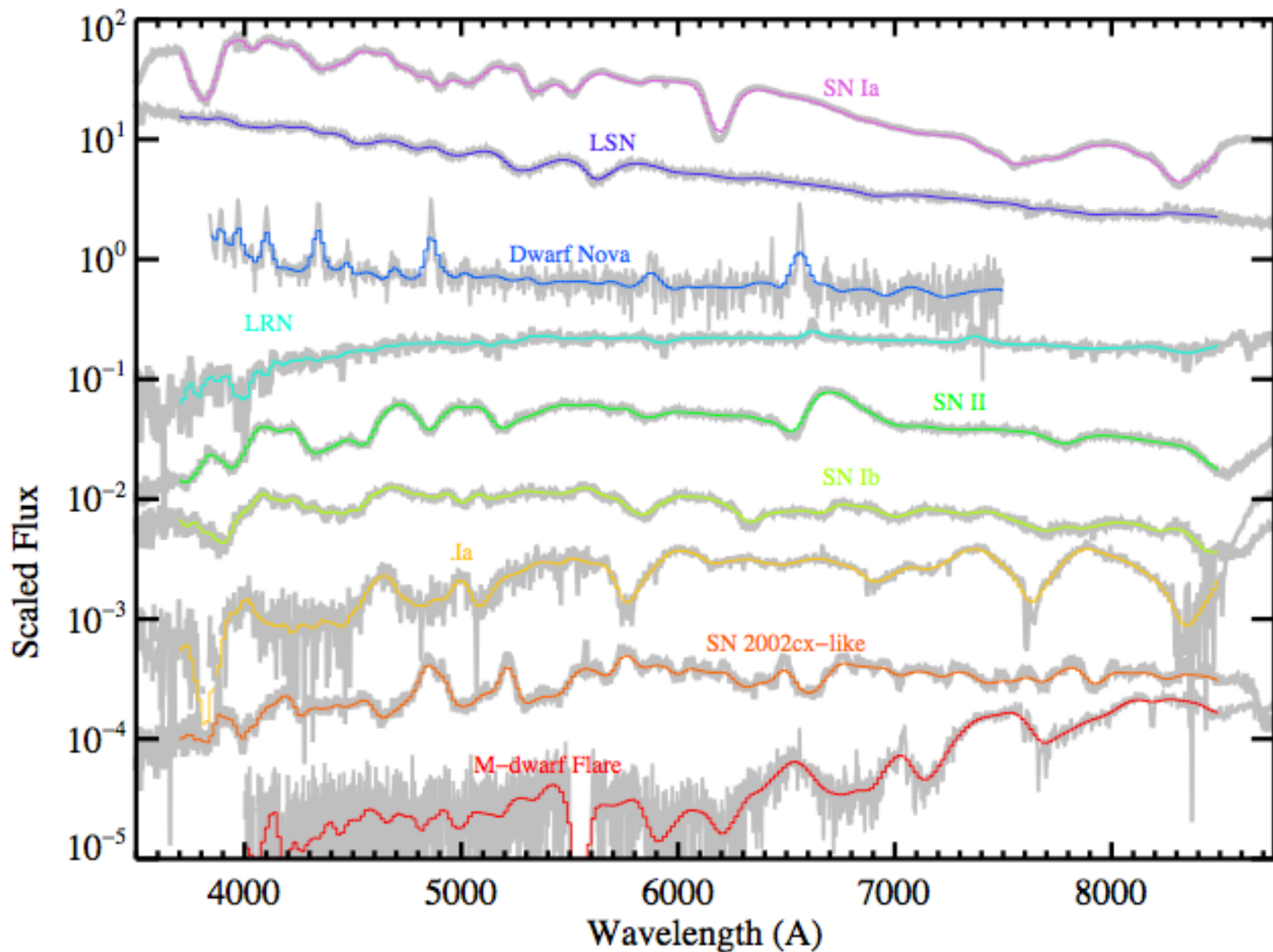


Sagi Ben Ami (Weizmann)

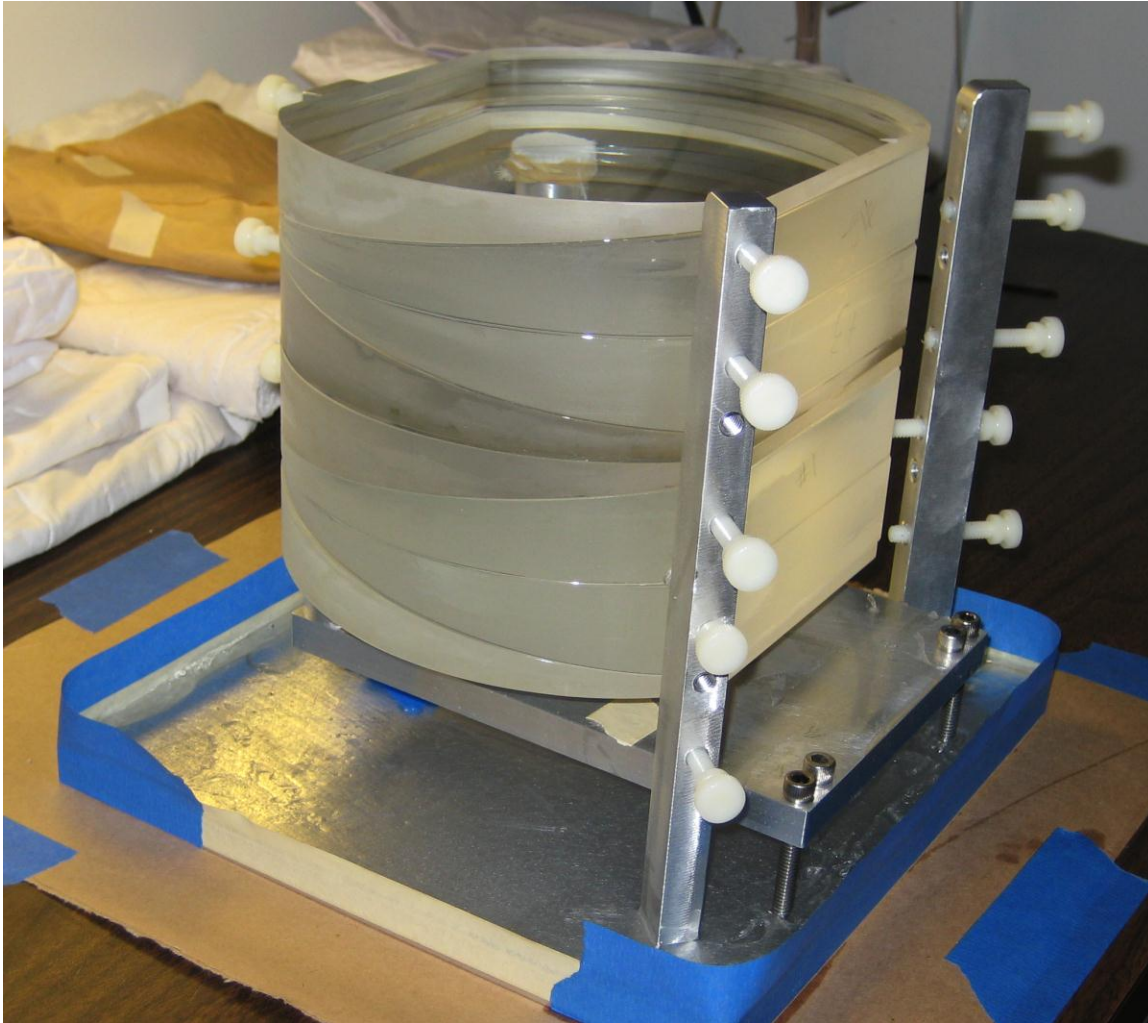
SED Machine

A Transient Classifier

To classify with a single observation, $R=100$ is sufficient: data



Prisms offer several advantages over gratings, but require multiple elements to achieve constant dispersion.



From Jeff Crane (OCIW) via email