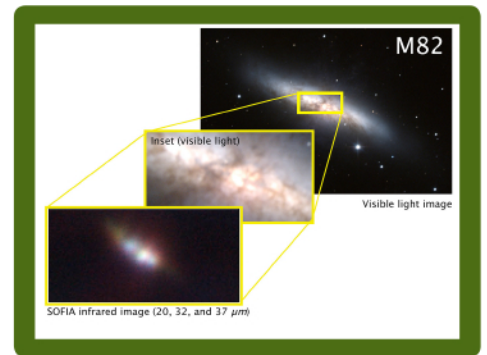


FORCAST

FAINT OBJECT INFRARED CAMERA FOR THE SOFIA TELESCOPE

- 1 Facility-class, two-channel, mid/far-infrared camera
- 2 Both short (5-25 microns) and long (25-40 microns) wavelength detectors
- 3 Cameras can be used individually over the whole wavelength range, or together for simultaneous imaging of the same field of view.
- 4 Capable of grism spectroscopy* in the 5-50 micron range
*grating prism — grism — allows a single instrument to take photos (without the grism) or spectroscopy (with the grism)]
- 5 This instrument used for SOFIA's "first light" image



PI: Dr. Terry Herter, *Cornell University, Ithaca, N.Y.*



www.sofia.usra.edu/Science/instruments/instruments_forcast.html



For more information about SOFIA, visit: <http://www.nasa.gov/sofia> • <http://www.dlr.de/en/sofia>

For information about SOFIA's science mission, visit: <http://www.sofia.usra.edu> • <http://www.dsi.uni-stuttgart.de/index.en.html>

