The Cosmic Origins Spectrograph

James C. Green

Center for Astrophysics and Space Astronomy, University of Colorado

The Cosmic Origins Spectrograph is a moderate resolution (R = 20,000), high throughput (> 1000 cm²) ultraviolet spectrograph that will be installed in the Hubble Space Telescope on servicing mission 4 in 2004. The optics are complete, and the flight detectors are undergoing final environmental testing. The predicted effective area and system performance are presented, as well as the various observing modes.