

## Flat Field Calibration of ACS and STIS UV Images

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Scientific Keywords: PLANETARY ATMOSPHERES, COMETS, GIANT PLANETS, PLANETARY  
SATELLITES

Total Budget Amount: \$15,900

Calibration: Yes

### Abstract

This short archive calibration proposal has resulted from the discovery that existing ACS and STIS UV flat fields are not appropriate for diffuse H Ly alpha emissions. The proposal is to attempt to produce new UV flat fields for each mode using data that presently resides in the archive, rather than to propose for new observations of geocoronal H Ly alpha emission.

**Investigators:**

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Number of investigators: 1