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TITLE: Cassini UVIS Saturn Auroral Images from the 2013 HST/Cassini Campaign

ABSTRACT BODY:

Abstract (2,250 Maximum Characters): In 2013 coordinated observations of Saturn by the Cassini spacecraft and Hubble Space Telescope (HST) were obtained. During these observations the Cassini spacecraft provided a high-latitude view of Saturn's auroras. Intense auroras were observed by the Ultraviolet Imaging Spectrograph (UVIS) from close range (about 5 Saturn radii away). A 6-frame UVIS movie has been constructed from some of the observations from May 20-21, 2013 showing the evolution of two bright auroral features. We report on the UVIS images, the corresponding spectra, and compare the UVIS data to HST images and data from other Cassini instruments.

PRESENTATION TYPE: Oral

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Abstract Details
