





Saturn and Titan

Gemini North infrared image of Saturn and Titan (at about 6 o'clock position). Image obtained on May 7, 2009 using the Altair adaptive optics system with the Near-infrared imager (NIRI). At the perimeter of Saturn's ring the F-ring is faintly visible. The F-ring was discovered in images from the Pioneer 11 spacecraft in 1979 and is normally not apparent in images taken with ground-based telescopes.

Technical Data:

This color composite image made using data from three infrared filters (K' [2.0-2.1 microns], h210 [2.12 micron narrowband], and bracket gamma [2.17 micron narrowband]).

Field of view: 40 arcseconds Orientation: north up, east left

See full press release and image download at: <http://www.gemini.edu/node/11305>