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Cassini - Huygens:
Heavily instrumented flight systems approaching Saturn and Titan.

Abstract

The Cassini and Huygens flight systems are described, to include capabilities, launch, flight path, mission science objectives and instruments. Interplanetary cruise, Saturn arrival, and science-tour operations are also discussed, including use of JPL's worldwide Deep Space Network for two-way communications. Launched 15 October 1997, Cassini/Huygens will arrive at the Saturnian system 1 July 2004. The Cassini Orbiter begins a four-year tour of the ringed gas giant, and the Huygens Probe descends through Titan's dense atmosphere 14 January 2005.