

Cassini Data Analysis Program Overview

- Will solicit basic research proposals to conduct scientific investigations of the Saturn system utilizing data obtained by the Cassini orbiter and Huygens probe.
- Intended to enhance the scientific return from the Cassini/Huygens mission by broadening the scientific participation in the analysis and interpretation of the data.
- Proposals must use data that is in the public domain at the time that the solicitation is released. Proposals will be due 90 days later, and all proposers will have the data for that period of time.

PDS Archived Data

- NASA's organ for distributing data is the Planetary Data System (PDS). PDS data is calibrated and validated.
- Cassini data is archived in the PDS and can be found at http://pds-atmospheres.nmsu.edu/data_and_services/atmospheres_data/Cassini/Cassini.html
- Cassini data will be archived in the PDS 9 to 12 months after it is received on earth. Only SOI through Sep. 04 data is there at present. Titan T(A) is due soon.
- Huygens data will be archived in the PDS 18 months after it is received on earth → July 2006

- \$2.5M is available in FY2006 (ROSES06). We expect to fund ~25 investigations (~\$100K each).
- We expect to ramp up the program in subsequent years.