

# NASA's Herschel Science Center at IPAC

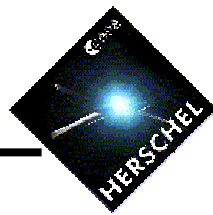


Ken Ganga – NHSC Task Lead;  
George Helou – NHSC Director

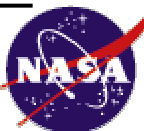




# US Community Support



- The US-based community will have substantial access to Herschel
  - based on contributions to the instruments
  - based on work as Herschel mission and optical scientists
  - *based on a proposal process with which the US community has historically been successful*
- NASA and the NASA Herschel project will be supporting the US astrophysical community in using the observatory
  - through direct data analysis funding to observers
  - through operation of the NASA/Herschel Science Center at IPAC.

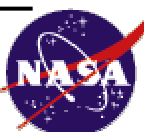


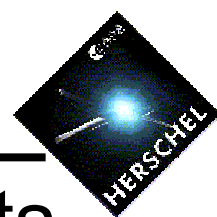


# NHSC Charter

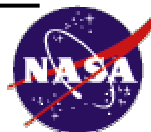


- Work to ensure the necessary resources and tools are available to the U.S. community to take advantage of the scientific capabilities of the observatory in a timely manner, and of the Herschel science data for archival research
- Act as the main interface between the Herschel project and the US-based scientific user community, and advocate for the needs of US-based observers
- Provide the US astronomical community with science and observational support throughout all phases of the Herschel mission, from pre-launch to the transition to archival phase
- Manage the data analysis funding and provide funds for the user community



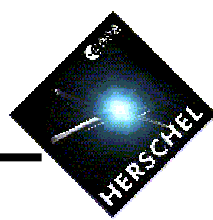


- The NHSC shall assist US-based scientists through all phases of the mission:
  - in observation planning, through observatory expertise and software development;
  - in obtaining their data, through ground segment understanding and development of robust data transfer and replication mechanisms;
  - in reducing their data, through instrument expertise and software development; and
  - in using the Herschel archive, through coordination with US astronomical archives.

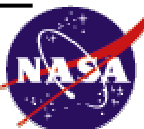




# The NHSC Location

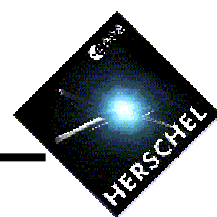


- The NHSC is located at the Infrared Processing and Analysis Center (IPAC) which allows the NHSC to
  - leverage experience with Spitzer, IRAS, ISO, IRTS, MSX, Planck and 2MASS, as well as with the NED and IRSA archive efforts;
  - interact closely with the instrument development teams at JPL and Caltech; and
  - coordinate with ESA's Herschel Science Center and avoid duplication of work.





# How to Get More Information



- Via the Web at <http://www.ipac.caltech.edu/Herschel>
- Via electronic mail at [herschel@ipac.caltech.edu](mailto:herschel@ipac.caltech.edu)
- By instrument:
  - HIFI — S. Lord; [lord@ipac.caltech.edu](mailto:lord@ipac.caltech.edu)
  - PACS — B. Ali; [babar@ipac.caltech.edu](mailto:babar@ipac.caltech.edu)
  - SPIRE — B. Schulz; [bschulz@ipac.caltech.edu](mailto:bschulz@ipac.caltech.edu)
- Via your in-person visits to the NHSC at IPAC <http://www.ipac.caltech.edu>

