A wide variety of data products and tools are available for users to pursue exoplanet and astrophysical research with data from the Kepler Mission. See the panels below for information on the MAST Kepler Archive, the NASA Exoplanet and Keck Observatory Archives, tools provided by the Kepler Science Center and the Community Follow-up Observation Program website.

More questions? Come to the Tuesday lunch splinter session in Building 3 at 12:30

Or find one of us:
MAST Kepler Archive: Scott Fleming and Dorothy Fraquelli
NASA Exoplanet Archive: Rachel Akeson, Jessie Christiansen, David Ciardi, Peter Plavchan, Solange Ramirez
Kepler Science Center tools and data products: Martin Still, Susan Thompson, Tom Barclay
Kepler Community Follow-up Observation Program (CFOP): David Ciardi, Rachel Akeson
Keck Observatory Archive: Bruce Berman

MAST/Kepler Archive
http://archive.stsci.edu/kepler

- MAST archives the light curves, target pixel files and FIT images from Kepler. A number of calibration and data reduction products, and the spacecraft ephemeris, are also available. A number of data search and retrieval interfaces are available. The basic search form is shown to the left. Below is Kepler search via the beta-version of the MAST Portal. Interfaces to the IDs, confirmed planets and exozodi catalog also exist.

NASA Exoplanet Archive
http://exoplanetarchive.ipac.caltech.edu

- Kepler Pipeline and Science Office Products:
  - Kepler Objects of Interest (KOI) activity table
  - Threshold Crossing Events (TCE) lists
  - Target stellar properties
  - Data reduction reports and summaries
- Additional Kepler Data and Tools:
  - Kepler names table
  - Interactic light curve visualization and periodogram tool
- Additional Exoplanet content:
  - Interactive table of confirmed exoplanets
  - Ground-based transit surveys
  - Visualization and transit prediction tools

Keck Observatory Archive
http://koa.ipac.caltech.edu

- The Keck telescopes have played an important role in the follow-up of Kepler-discovered objects. Over 7000 science frames from the Kepler field are public in the archive. See the poster in Group 2 for more details.

Kepler Science Center
http://keplerscience.arc.nasa.gov

- Resources for data analysis
  - Manuals
  - Links to Data Products
  - Data inspection tools
- Data reduction tools: PyKePL http://keplerscience.arc.nasa.gov/PyKePL.shtml
  - Python tools developed for the reduction and analysis of Kepler’s archived pixel and light curve data. PyKePL is tailored to the user’s specific science goals.

Community Follow-up Program (CFOP)
http://cfop.ipac.caltech.edu

- Web-based tool to facilitate community-wide follow-up observing of Kepler candidates
- Contains candidate properties needed for observations including finding charts and links to Exoplanet Archive transit service
- Includes data collected by the Kepler project
- Allows upload of parameters (planetary and stellar) and files by registered users
  - Currently available:
    - Over 14,000 target parameters
    - Over 94,000 stellar parameters
- Search by target name, parameter values and uploaded files

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