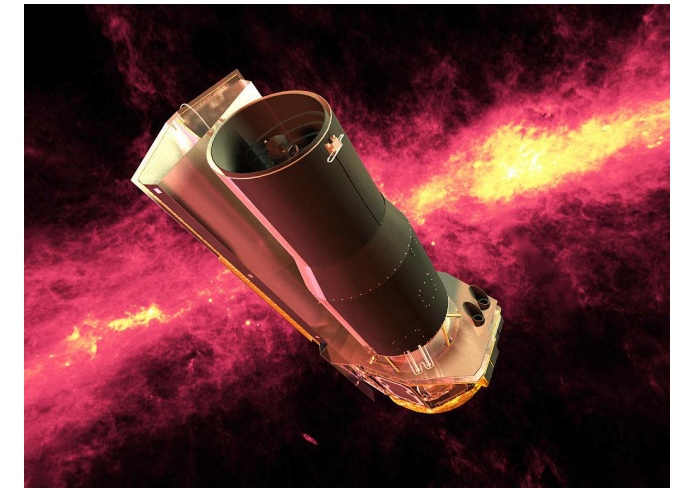# Putting WISE, 2MASS, Spitzer and IRTF into CAOM

Walter Landry & Angela Zhang

Heterogeneous Datasets

- Ground-based, Space-based, Airplane-based
- Pointed and surveys

Where is the Observatory?

- Ground based focus
  - Have geocenter x,y,z, but a lot of our observatories move
  - NAIF ID?
    - Does not cover airplanes, balloons and rockets
  - IAU observatory codes?
    - Incomplete (e.g. Herschel)

Surveys

- Millions of images
- One Observation for
  - the whole mission?
  - each major data release?
  - each telescope (2MASS North and South)?

Computed Data

- Mosaics and Coadds
  - Single Artifact
  - Multiple observations

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- Mosaics and Coadds
  - Single Artifact
  - Multiple observations
- Catalogs
  - No artifacts, only database tables
  - Lots of custom columns
  - Plane is the closest fit

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- Spitzer continues to be quite a lot of work.
  - But necessary for any metadata regularization effort.