

DOIs in Heliophysics: NASA view and questions – D A Roberts

- NASA HP is producing Data Product DOIs; ESAC is producing “experiment” level DOIs. Can the latter be put somehow into NASA SPASE product descriptions? (Need an “Instrument DOI”??)
- NASA experience is that it is best to tell missions that DOIs are being produced and asking what Creator lists the missions would like. The less the mission teams have to do the better.
- On versions, etc.:
 - Data sets grow and change, but remain the same dataset (same DOI) as long as the change is not a major qualitative issue (science changes; variables change).
 - People want the best data, not the same data as before.
 - Reproducibility is not as critical as “truth” (what is really happening in space).
 - So: For calibrated data, keep only the latest versions of datasets and (as needed) the data used in papers. (Guido agrees ... and the latter could be done with things like Resen.)