Abstract title:

But What About the Archive?
Developing a PDS4 Archive for InSight Image Data

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Abstract:

Data archiving can often be left by the wayside and become an afterthought, but it is a necessary step to ensure that the findings of a scientific observation remain accessible and useful to the scientific community & the public for years to come. This presentation will describe the unique challenges inherent to archiving the data products from planetary science missions, and will focus on data collected by the InSight cameras as a concrete example.

As the Mission Interface for the Imaging Node (IMG) of the Planetary Data System (PDS), I have spent over one year working with the InSight cameras team and the PDS Geosciences Node in order to build a data archive that's compliant with PDS4, the newest PDS standard. As a result, IMG will soon be ingesting the first delivery of InSight cameras data, which will be the first-ever planetary science image data to be archived using PDS4.