

All data taken at public observatories enter the public record after the proprietary period expires. Observatories and their funding agencies would like to see results published from archived data. They note that archived data results from highly ranked peer reviewed proposals. With observational astronomy transitioning from a strong dependence on PI driven research to survey science, the discovery and use of archival and survey data is becoming important.

The workshop started with a review of observatory metrics and concluded with a discussion of tools for mining archived data. Two of the major public archives, MAST and IPAC were reviewed. STScI promotes the use of its archived data through MAST. Survey and other data available through IPAC have become a fundamental part of many research programs. The speakers were Andy Adamson on Gemini publication statistics and the Gemini archive, Harry Teplitz on IPAC, Scott Fleming on MAST, and Knut Olsen on the NOAO DataLab project. DataLab has a goal of enabling efficient exploration and analysis of large datasets, especially those being generated on NOAO's wide field telescopes, and features tools for catalog science, data exploration, collaborative research, and user defined custom workflows. These tools are well suited for mining both survey and archival data.

The splinter session was held Friday January 6 from 2 - 3:30 PM in the San Antonio 4 room of the Gaylord Texan Resort and Convention Center in Grapevine, Texas. Attendance was about 50.