

Standardization of Observatories, Instruments and Reference Frames for Planetary Sciences

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Abstract

The recent developments on planetary science interoperability showed that a standardization of naming conventions was required for observatories (including ground based facilities and space mission), instruments (types and names) as well as reference frames used to describe planetary observations. A review of existing catalogs and naming for those entities is presented. We also report on the discussions that occurred within the IVOA (International Virtual Observatory Alliance), IPDA (International Planetary Data Alliance) and VESPA (Virtual European Solar and Planetary Access) working groups. A proposal for standard lists, possibly to be endorsed by IAU, is presented and discussed.