

Solar System Interest Group Session Summary

IVOA Interop, 18-20 November 2022

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SSIG Session Summary

- Marco Molinaro provided an update on the CAESAR Space Weather Archive prototype.
 - Good progress on product specification and database design
 - Evaluation and discussion of supporting technologies (formats, standards, API, etc.) is underway
- Stéphane Erard described the problems and successes encountered in extracting HST observations from the CADC using TAP and EPNCORE.
 - Small bodies were excluded to make the problem tractable
 - Even though the HST metadata is remarkably consistent, planetary metadata is often not well-populated, especially with respect to target identification

SSIG Session Summary

- Steve Joy and In Sook Moon presented results of creating TAP services for fields and particles data at the Planetary Plasma Interactions node of the PDS.
 - The *dataset = service* paradigm yielded hundreds of new services – not VESPA-friendly.
 - Follow-on discussion regarding how this situation might be handled more gracefully on both sides – provider and VO registry.
- Glenn Orton described the essential contribution Earth-based observers made to the Juno mission.
 - Coordinated observations were critical for provided context for mission operations
 - No funding was allocated for archiving; some data are available as PVOL service
- Vandana Desai reported on tools available to support planetary science in the IRSA archive, which includes both ground-based and spacecraft data.
 - IRSA is actively seeking input and collaborations to improve solar system support.