

Semantics WG

IVOA June-2025 — Saturday, 14:00-15:30 — Room 1309

- **WG chairs:** B Cecconi & S Derrière
Local session chair: M Demleitner (thanks!)
- Update on IVOA Vocabularies
 - EPNcore terms
 - UCD list / vocabulary
 - OntoPortal-Astro project
- Fresh start on ObsFacility Vocabulary
- NASA Heliophysics projects:
 - Standardizing Units in Heliophysics
 - Standardizing Reference Frame Terms in Heliophysics
 - Increasing FAIR for Metadata Mapped from SPASE

Tuesday June 3 @14:00 EST: Room		
Speaker	Title	Time
B. Cecconi	Update on IVOA Vocabularies	14:00
R. Weige et al I	A Standard for Units in Heliophysics	14:15
R. Weigel et al	Standardizing Reference Frame Terms in Heliophysics	14:30
L. Fretel	Generating the Observation Facilities Vocabulary via Multi-Source Data Alignment with Word Embeddings and LLM Validation	14:45
R. Ringuette et al.	Increasing FAIR for Metadata Mapped from SPASE 2.x	15:00
S. Erard	Taxonomy of small bodies of the solar system.	15:15

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- OntoPortal-Astro: <http://ontoportal-astro.eu>
Based on ontoportal.org
- Soon: new portal based on enhanced version by INRAE (France): <https://agroportal.lirmm.fr/>
NB: already in use for EarthPortal.org
- New version will include:
 - ontology FAIR evaluation
 - recommender / annotator
 - browse ontologies and mappings
 - advanced APIs
- Advisory and User Group:
we will contact some of you soon

