Time Domain Interest Group - closing remarks -

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Tucson IVOA Interop - November 2023

A rich and active time session...

- Around thirty participants
- Four talks:
 - 1. Robert Nikutta How science platforms can help bring together time domain astronomy needs and capabilities
 - 2. Baptiste Cecconi Can HAPI also become an IVOA Standard for Delivering Time Series Data?
 - 3. Gregory Dubois-Feldsmann IVOA standards and time-domain searches
 - 4. Vincenzo Galluzzi Pulsar and FRB Radio Data Discovery and Access: an update from INAF and RIG activities
- Brief discussion on the status of VOEvent (content vs protocol)
 -> to be continued

Some Time key points during this Interop

• Time search:

- Postponed in the Cone Search standard to the next major release
- HAPI protocol for Heliophysic time data
- VOTable :
 - Effort on the epoch propagation
 - Parquet coupling
- New temporal data to manipulate

Time-domain considerations that are unique to high energy datasets, and we should make sure that such considerations are incorporated in the data cube model for event files

