

# Time Domain Interest Group

Chair: Ada Nebot

Vice-Chair: Dave Morris

# TDIG

- Provide a forum for discussing time domain specific issues in a VO context.
- Contribute to other IVOA working groups to ensure that time domain specific requirements are included.
- Incorporate standard approaches defined in these groups when designing and implementing services on time domain archives.
- Define standard services relevant for time domain archives.
- Promote development of services for comparing theoretical results to observations and vice versa.
- Define relevant milestones and assign specific tasks to interested parties.

# TDIG News

Added a Section on Time Series on the wiki page

- ↓ [IVOA Time Domain Interest Group](#)
  - ↓ [Charter](#)
  - ↓ [VOEvent](#)
    - ↓ [Introductory Material](#)
    - ↓ [VOEvent Transport](#)
    - ↓ [Tools and Libraries](#)
      - ↓ [Generating, Reading and Manipulating VOEvents](#)
      - ↓ [Working with the VOEvent Transport Protocol](#)
    - ↓ [VOEvent Databases](#)
    - ↓ [VOEventStream: Metadata for Collections of Events](#)
  - ↓ [Time Series Data](#)
    - ↓ [Science use Cases for Time Series](#)
    - ↓ [Shanghai 2017 DAL/DM/TDIG session](#)
    - ↓ [Santiago 2017 DAL/DM/TDIG sessions](#)
    - ↓ [Some relevant missions concerning Time Series](#)
    - ↓ [Some relevant documents concerning Time Series](#)
  - ↓ [Mailing List](#)
  - ↓ [Future Events](#)
  - ↓ [Past Events](#)
  - ↓ [Links](#)
  - ↓ [Discussion leading up to the VOEvent Recommendation](#)

# TDIG Agenda

**Two joint DAL/DM/TDIG session:**

- **Session 1 – Today at 11:00**
  - focused on access & discovery
  - 4 talks
- **Session 2 – Saturday at 14:00**
  - focused on representation & serialisation
  - 5 talks
  - In parallel with Registry

# Program

Friday 27 October - San Cristobal - 11:00 - 12:30

## Access and Discovery

Speaker	Title	Duration	Materials
Jesus Salgado	Gaia Archive for Data Release 2: Access to Time Series	12+3 min	
Sebastien Derriere	Time Series in <a href="#">VizieR</a>	12+3 min	
Marco Molinaro	GAPS exoplanets RV time series at INAF	12+3 min	
Francois Bonnarel	Fundamental Metadata and DAL architecture for Time Series	12+3 min	

# Program

Saturday 28 October - San Cristobal - 14:00 - 15:30

## Representation and serializations

Speaker	Title	Duration	Materials
Pierre Le Sidaner	VOEvent, proposed evolution	12+3 min	
Dave Morris	VOEvent, changes proposed by the community	12+3 min	
Mireille Louys	An attempt to federate data model views for Time Series	8+2 min	
Laurent Michel	A general mechanism to map time domain data in VOTables	8+2 min	
Francois Bonnarel	Classical serialization attempt	8+2 min	