

# Application Working group

## IVOA Interop Victoria May 2018

Chair: Pierre Fernique  
Vice-chair: Tom Donaldson



# The program

## Application sessions

### Apps 1- Monday 16:00-17:30 - Spirit

Speaker	Title	Duration	Materials
Trey Roby (IPAC)	An overview Firefly's new <a href="#">HiPS</a> support	15'+3'	<a href="#">pdf</a>
Alberto Micol (ESO)	The new ESO Archive Science Portal and VO Interfaces	15'+3'	<a href="#">pdf</a>
Laurent Michel (ObAS)	<a href="#">ALiX</a> : An advanced search interface for <a href="#">AladinLite</a>	15'+3'	<a href="#">pdf</a>
Thomas Boch (CDS)	Feedback on generating very large HiPS for PanSTARRS and HiPS from Gaia DR2 catalogue	15'+3'	<a href="#">pdf</a>
Apps Chair	<a href="#">HiPS</a> discussion: news, standard adaptation, next steps	18'	<a href="#">pdf</a>

### Apps 2- Friday 9:00-10:30 - Spirit

Speaker	Title	Duration	Materials
Raffaele D'Abrusco (SAO/CXC)	Chandra Multi-Order Coverage maps	15'+5'	<a href="#">pdf</a>
André Schaaff (CDS)	Chatting with the services. VO standards and NLP	15'+5'	
Mark Taylor (Bristol University)	DataLink and Activation in TOPCAT	15'+5'	
Daniel Durand (CADC)	<a href="#">HiPS</a> Progenitors - Small <a href="#">HiPS</a> Variation to trace provenance	15'+5'	<a href="#">pdf</a>
Markus Demleitner (ARI)	Compare standardIDs in the VO	10'	



# Hot topics this year

- **HiPS, HiPS, HiPS...**
  - New tools, new surveys, new ideas (progenitors,...) , new disciplines (planet), new actors, ...
- **Datalink, link**
  - More and more used, but need a few adjustments
- **Coverage: MOC, T-MOC**
- **And TAP every where**

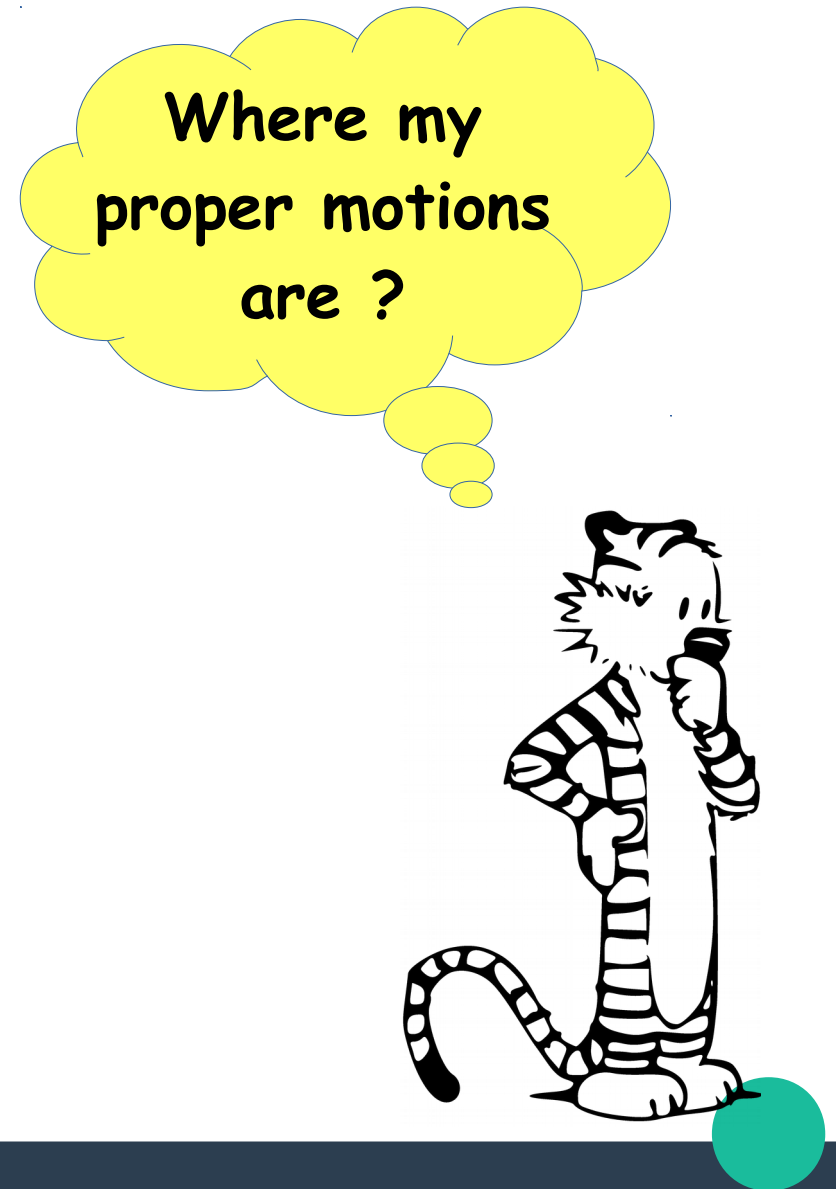


# VODML mapping in VOTable

- Impressive tools
- Hackathon
- But raise a serious problem:

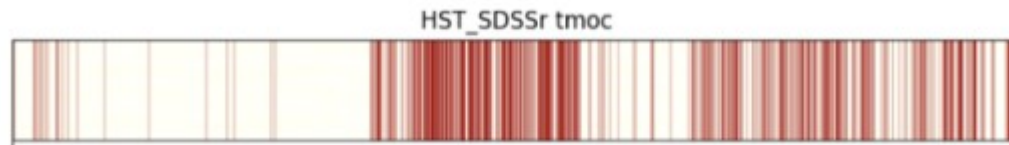
*The DM that we have now still do not tackle correctly star positions*

=> see DM report



# “Time” ...on time

- Stilts extensions
- Time plots in Aladin
- Temporal MOC in java, in python



# Next steps

- **VOTable DM-annotation:**
  - Still strong concern with current proposal
  - But strong demand from some projects/tools
- **T-MOC documentation : IVOA note ? New version of MOC standard ?**

