

Applications Working Group Closing remarks

action Aladin associated Author based CTA
data dataset describe
developments different discuss dmtypе draw either
feature gamma-ray General give **HEALPix** Indexing
integration issue IVOA java large manage MOC
models Obscore observatory origin possibly
proposal provide query region SAADA SAMP
serialization source spectra **tools** Unicode used **user**
VizieR VO VODML VOTable

Chair: Pierre Fernique
Vice-chair: Tom Donaldson

IVOA Interop meeting - Banff - October 2014



Contributions

- 2 sessions : 11 contributions
Thanks all speakers for the quality of their presentation
- Contents :
 - IVOA standards : SAMP, VOTable, MOC, TAP, ObsCore/TAP, VODML
 - Some private solutions : CDS/Xmatch API, HiPS, Cloud solutions



Applications session 1

Friday oct 10 / 11:00–12:30 (Summit)

- Mark Taylor - *Upload crossmatching from **TOPCAT***
- Omar Laurino - *A **Python** implementation of **VODML***
- Chenzhou Cui - ***AstroCloud**, a Whole Lifecycle Management Platform for Astronomical Data Based on Virtual Observatory and **Cloud** Computing*
- Matthieu Servillat - ***VO** diffusion for **CTA***
- Gilles Landais - *Indexing **VizieR** associated data with **ObsCore***
- François Bonnarel - ***Aladin ObsTAP** plugin*



Applications session 3

Sunday Oct 12 / 11:00–12:30 (Summit)

- Laurent Michel - *Querying by **region**: from the drawing to the **SQL** query*
- André Schaaff - ***CMOC**, a **C** library to handle **MOCs***
- Régis Haigron - ***SCubOX**, a Spectral Cube Online **EX**plorer*
- Thomas Boch - *Experimenting dynamic generation of **HiPS** density maps for large data exploration*
- Hugo Buddelmeijer - *Request-based **analysis** of large datasets*
- Petr Skoda - ***VO-Cloud** for Machine Learning*



VOTable issues & proposals

- **Unicode** : Clear presentation of the issue (thanks Mark Taylor)
 - => Conservative solution would be preferable
 - => No decision, discussion should be achieved on mailing list
- **VODML** : 4 proposals (examples available on twiki thanks to Gerard Lemson)
 - => The 4th solution (new XML tags dedicated to VODML serialization) gets the largest consensus
- **Coordinate specification** : state of the art... not so good
The proposal (no vote)
 - => fix the situation by un-deprecating the COOSYS method
 - => deprecate the temporal STC note usage
 - => use VODML serialization when it will be ready

