



Applications WG

Applications

SAMP – VOTable - MOC - HiPS



Applications WG

Apps I

Wednesday, May 10, 11:00--12:30, Plenary Room

| Speaker | Title | Abstract | Materials | Time |
|-------------------------------|-----------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------|
| Thomas Boch | Recent HiPS activity at CDS | I will discuss new HiPS datasets generated or updated (DeCAPS DR2, DES DR2, DESI Legacy Survey DR10, HST, JWST) and experimentation (WebP , cuts by region) we developed. | | 15+3 |
| Deborah Baines, Henrik Norman | TAP Registry Access and ADQL in ESASky | ESASky's latest version provides access to all services registered in the TAP Registry, including VizieR (CDS). TAP table metadata, sources and footprints can be loaded in ESASky with just a few clicks, and for the first time in ESASky, ADQL can be used to query TAP tables. | | 15+3 |
| Markus Demleitner | How to deal with different major versions of a standard in pyVO and beyond? | In pyVO, we are currently overhauling the discovery of image services, and the questions we ask ourselves are probably relevant to similar consumers of VO services, too, first and foremost: what does "do an all-VO query of image services" mean when, for the foreseeable future, there will be SIA1 and SIA2 services coexisting? | | 15+3 |
| Matthieu Baumann | Aladin Lite v3 | "Aladin Lite v3" which was released in January 2023. Many features have been implemented such as the support of all sky projections visualization, a better MOC support as well as the support of FITS image rendering of up to a few gigabytes. This talk will also give instructions for people wanting to embed Aladin Lite v3 into their own web sites. | | 15+3 |
| Pierre Fernique | F-MOC - Towards a frequency MOC ? | Study of the possible extension of MOC to the electromagnetic axis. | | 15+3 |



Applications WG

Operations/Applications Joint Session I: Wednesday 10 May, 16:00-17:30 (Session #12), Plenary Room

| Speaker | Title | Materials | Abstract |
|-------------------|---------------------------------------------------------------------------------------|-----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Alberto Micol | VO Polygon Tool | | |
| Mark Taylor | TOPCAT/STILTS Updates | | Summary of changes in the recent release of TOPCAT and STILTS, especially support for ADQL 2.1 and DataLink 1.1. |
| J.M. Glorian | Last developments on the CASSIS spectra software | | with in particular a prototype of a client's implementation for the protocol currently being defined LineTAP and an implementation using the library of mark taylor for the services authentication. |
| Sara Nieto | status of VO services exposed by ESA, like Gaia, Euclid, Helio and Planetary missions | | |
| Mark Taylor + All | Operations discussion topics | | Authentication and Ops, HTTPS, more? |



Applications WG

Apps II

Thursday, May 11, 11:00--12:30, Room 216

| Speaker | Title | Abstract | Materials | Time |
|------------------------|-----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------|
| Tom Donaldson | Towards VOTable1.5 | Going one step further in the evolution of VOTable, the different issues | | 11+3 |
| Pierre Le Sidaner | Discovery portal on vespa using Elastic Search | Other approach on data discovery with large amount of data collections in TAP queries | | 11+3 |
| Jutta Schnabel | Very-high-energy Open Data Format | In very-high-energy (VHE) gamma-ray astronomy, the community has converged to use a common open data format (GADF) for the high-level data products. With the arrival of open observatories like CTA or KM3NeT and the increasing number of multi-wavelength and multi-messenger studies, a new initiative has been created to specify formats of high-level data from very and ultra high energy gamma-ray facilities and from VHE neutrino ones. This contribution will present the Very-high-energy Open Data Format (VODF) project that has been settled by 11 VHE astroparticle facilities and how it aims to better respect the FAIR principles and the IVOA recommendations. | | 11+3 |
| Francois-Xavier Pineau | News from MOC Lib Rust, MOCPy and other derivatives | New features (including F-MOCs, multi-operations, ...), the MOCpy/MOCCLI/MOCWasm evolutions, a GUI to manipulate MOCs running both on desktops and web browsers, ... | | 11+3 |
| Francois-Xavier Pineau | A VOTable | Able to transform back and forth VOTables in JSON/TOML/YAML; supporting DATABLE_BINARY and DATABLE_BINARYC | | 11+3 |



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Please upload your presentation or send them to us (Pierre or Adrian)

If you plan a remote presentation come to us also for organisation

You are welcome to participate to MIVOT presentation on
Tuesday, May 09, 16:00 -- 17:30, Plenary Room

