THE INTERNATIONAL
VIRTUAL OBSERVATORY ALLIANCE

IVOA Interop
ESAC, Madrid 18-23 May 2014

CENTRO DE ASTROBIOLOGÍA
CSIC   esa

Registry Working Group Closing Plenary
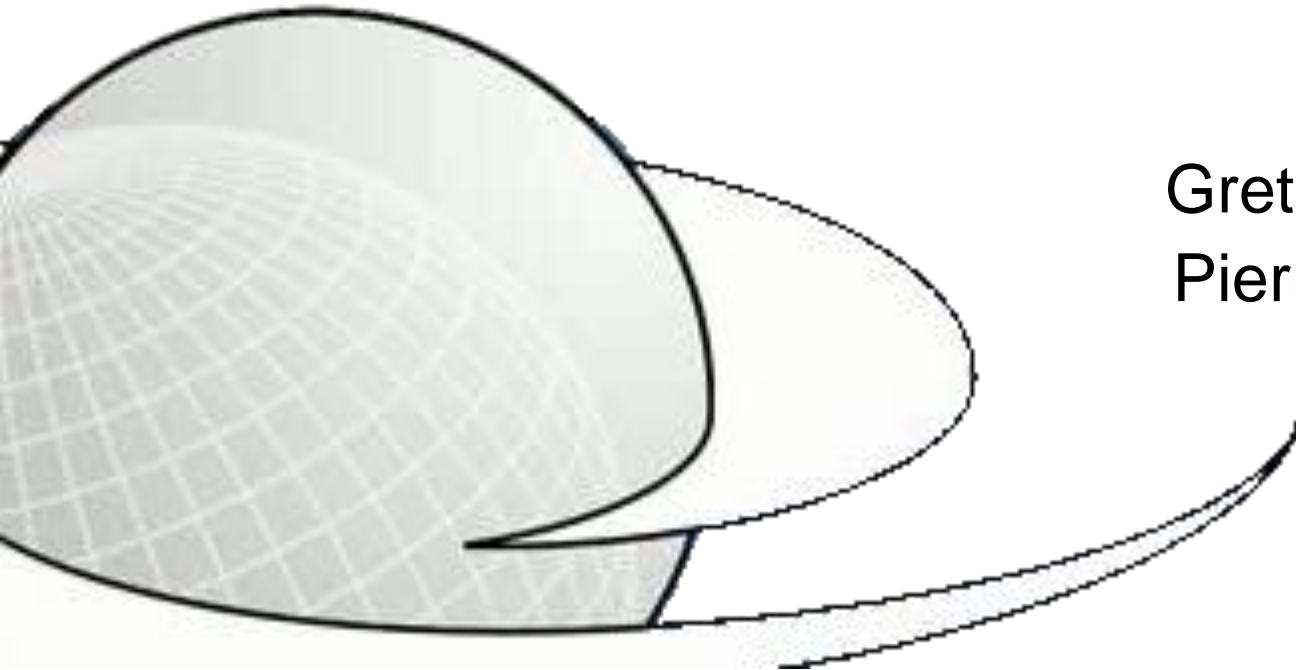
Gretchen Greene
Pierre LeSidaner

Registry Splinter

- Refresher discussion on context of IVOA Registry
  - *BASICs for operating registry types and operating principles*
  - *Encourage people to use the mailing list registry@ivoa.net*

- Registry Data Providers requesting clear guidance to procedure for content changes

- New Registry Reference Coming Soon!
  - **Astronomy & Computing Journal** - *Part I article on IVOA Registry defining fundamentals and model of use*

- Curation of Content
  - *Interest expressed for having quality and reliability for the service content, beyond the current scope of registry curation*

Standard Interfaces & Implementation Progress

- TOPCAT demo with RegTAP access! (Mark Taylor)
  - *Report on significant performance improvements*
- Simple Rest Interface keyword search (Pierre LeSidaner)
  - *basic DAL service discovery made easy*
- RegTAP – registry relational model standard supports new TAP standard API for registry clients (Markus Demleitner)
  - *discovery methods for service "capability" interfaces to find e.g. accessURL*
  - *Technical details discussed for Strings*
- Registry Interface 2.0 updates (Gretchen Greene)
  - APIs for RegTAP, SimpleREST and deprecation of standard SOAP

- **VAO Full Registry** upgraded supporting RegTAP and new user logins with SSO (Theresa Dower) ~2014
- **ESAC Full Registry in** development (Menelaus Perdikeas) coming online soon ~2015 including curation library!

Publishing, Curation, & Special Topics

- Best Practices for Registering Collections (Ray Plante)
  - *Consensus achieved to use existing CatalogService standard to implement registration of multiple capabilities per common Resource*
- VAO Registry improved Publishing interface (Theresa Dower)
  - *Wizard system for data providers – available now!*
  - *Moving to Autorecovery for registered user identify*
- *Biannual* IVOA Registry Validation report (Pierre LeSidaner)
  - *DAL validation trace over time showing improvements*
  - *Proposed continuous integration of validation in operational registries*
- Educational Resource Registry (Marco Molinaro)
  - *Best practice for ContentLevel tagging & recommended new solutions*
  - *Dedicated Registry for Schools and EDU Publishing Registry for ALL*
- IVORNs (Markus Demleitner)
  - *Considerations for standardizing standardIDs*
  - *Proposed update to IVOA identifier standard to take into consideration more current practice for DIDS and Datalinks!*

Future Registry Work

- **RegTAP 1.0 progressing to TCG review process**
  - *In the coming weeks, expect REC by next interop*

- **SimpleREST Technical Note completion**
  - *Requires document adjustments for data formats and model descriptions. Post to IVOA Doc repository (RI 2.0 dependency)*

- **Registry Interface 2.0 working draft (~August '14)**

- **Revisiting SimDAL RegExt**
  - *SIMDB group review for Registry metadata mapping*
  - *How to support the TOP 20 queries for access?*

- **Curation of the Registry Operations and Practices**
  - *RWG feedback for documentation improvements*