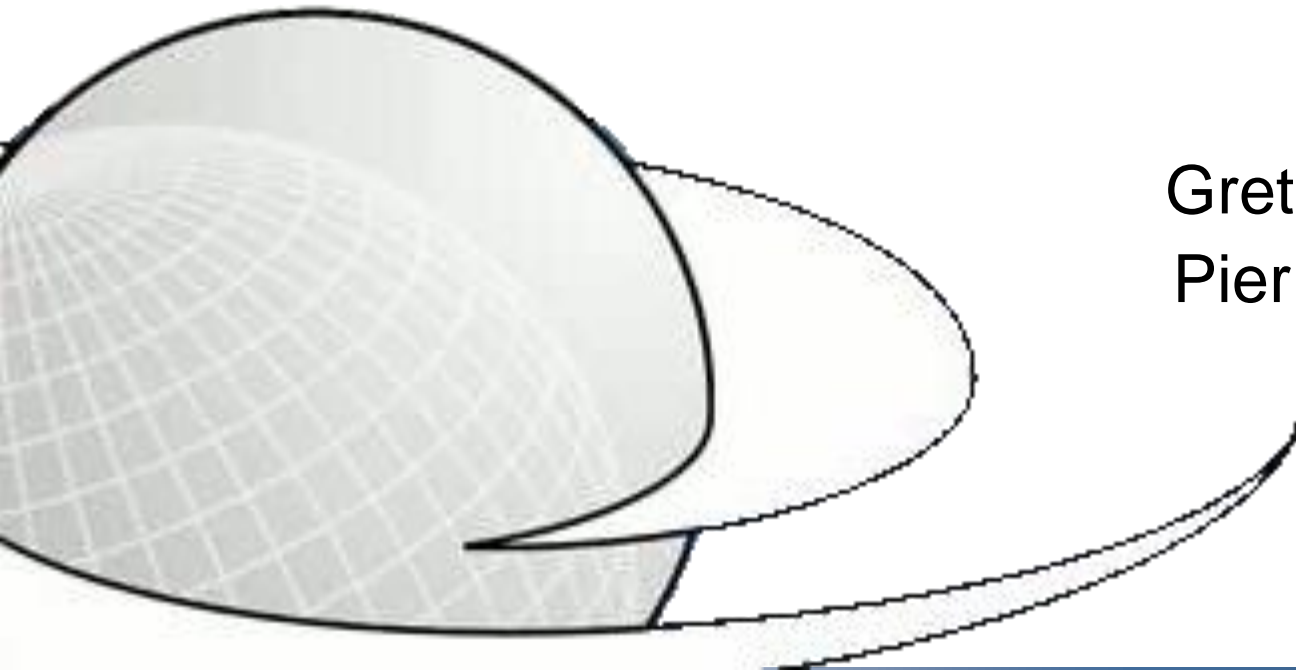




# *Registry Working Group Closing Plenary*



Gretchen Greene  
Pierre LeSidaner



# Session 1: Apps IV/ Registry I Coverage Discovery



- ❖ MOC is moving toward standardization in spatial coverage specification (P. Fernique)
  - ❖ Several key IVOA apps, e.g. Aladin/TOPCAT (M. Taylor) utilizing MOC for advancing visualization based on spatial correlations between collections
- ❖ Registry will adapt existing standards to accept MOC endpoints (footprint) in addition to STC (G. Greene) [AI-1]
  - ❖ Interesting discussions and directions to pursue on the science use cases for characterization of spatial regions
- ❖ Registry coverage indexes and/or services are key to large scale visualization (T. Donaldson)
  - ❖ Can take advantage of widespread MOC implementations (T. Donaldson)
  - ❖ Applications can utilize spatial coverage indexes on Big Data scales across ALL IVOA...or at minimum index resource grouping by metadata type

# Session 2: Registry Interfaces



- ✿ Registry Interface upgrade progressing with standards process for relational model (regTAP) (M. Demleitner)
  - ✦ Follow up telecon planned for open issues discussion [AI-2]
  - ✦ R. Plante will share XSL tool to ingest VOResource into regTAP [AI-3]
  - ✦ Several Reference implementations underway:
    - VAO Registry (T. Dower) registry schema and interfaces upgraded to latest standards with RegTAP interface (planned release July 2013)
    - report on IA2 regTAP postgres -> regTAP MySQL database ingest (M. Molinaro)
- ✿ Further efforts made toward REST interface to support free text query (keywords) with optional output formats – P. LeSidaner
  - ✦ Coordination with VAO and VOParis will continue to develop common syntax [AI-4]
- ✿ RWG working on 2-part standards integration for RI-2 [AI-5]

# Session 3: Validation and Curation



- ❁ IVOA RWG working on Best Practice for Operations and Registry Provider Guide [AI-6]
  - ❁ IVOA Note(s) will be generated from Twiki page content
- ❁ Standards upgrade completed with VAO
  - ❁ New Publishing tools will provide common registration pattern, plan to extend this to other groups
- ❁ RofR administration and maintenance important for IVOA to insure uniqueness to Authority IDs
- ❁ VOParis ongoing DAL validation monitoring helps filter and curate the IVOA registries
- ❁ Concern on curation and results obtained with disparate registries – continue to work toward consistency

# Registry Standards



- ✚ SimpleDALRegExt 1.0 wrapping up TCG review – May 2014
- ✚ RegTAP
  - ▣ Working Draft (May 2013)
  - ▣ Summer 2013 work through open issues
- ✚ Registry Interface – 2
  - ▣ Working Draft with REST keyword – Summer 2013
  - ▣ Review for RFC - next Interop
- ✚ VODataService 1.0 may require minor specification to adapt footprint for MOC

# Standards Dependencies

