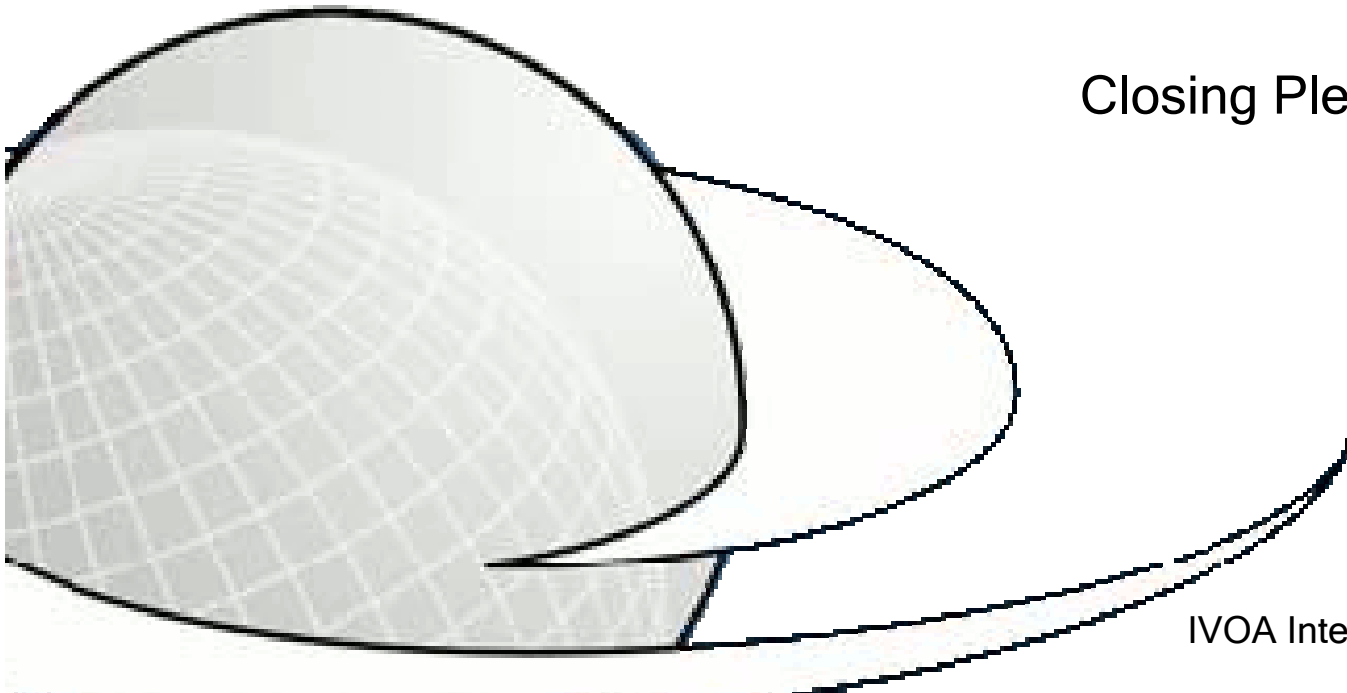


# THE INTERNATIONAL VIRTUAL OBSERVATORY ALLIANCE

## Resource Registries WG

Ray Plante

Closing Plenary



31 October 2008  
IVOA Interoperability Meeting -- Baltimore



# Progress on Standards

- Registries Interfaces (RI) v1.0
  - RFC will be extended
  - ADQL/x v1.0: spec will be inserted into RI
- VODataService v1.1
  - Collaborations with DAL/TAP & GWS
  - Latest changes endorsed
  - Allows for getTableMetadata to be include in VOSI
  - VODataService will proceed in parallel with VOSI
- VOEventStream
  - Developed and Sponsored by the VOEvent WG
- Future priorities
  - VOStandard: needed by VOSpace to define terms
    - Mechanism to resolve standard term to a definition
    - Similar mechanism emerging from Semantics WG
  - Simple DAL Services
    - SIA, SSA, ConeSearch
    - SIA support getting merged into SIA v1 document



# Future Directions

- Searching
  - Common search interface is particularly important to application developers
    - “Return all ConeSearch services related to [keywords]”
  - Simple Google-like string search syntax
    - Allows combining simple search constraints with keyword search
  - TAP interface
    - Allows user to select metadata to be returned as a VOTable
    - For full interoperability, need to share a common data model
      - Power of “Simple”: Can send same query to different registries
      - How do we leverage utypes and TAP to enable this?
- Publishing: Common software/techniques
  - Theresa Dower: demoed NVO Universal Publishing Service
  - Techniques for making suggestions for publishers
  - Consider open toolkit to allow broader development and sharing of solutions