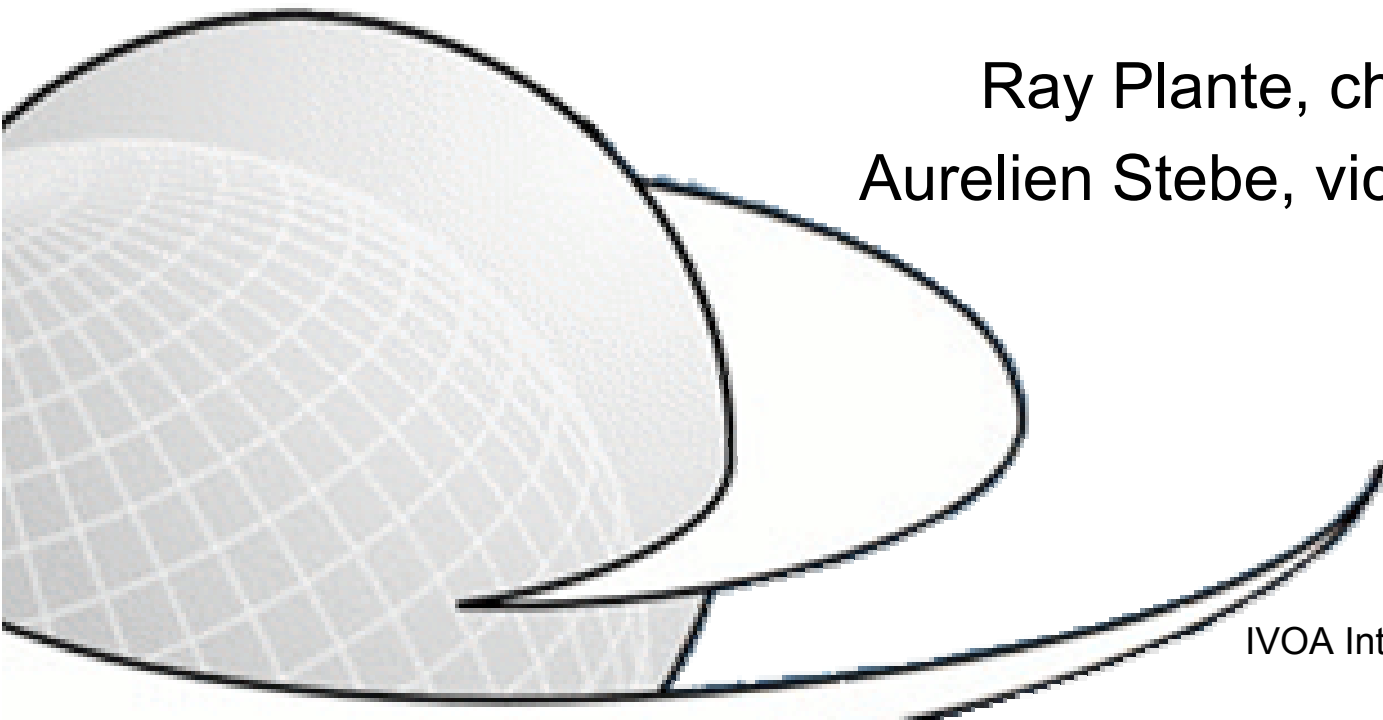


# Resource Registries Working Group

Opening Plenary Session

Ray Plante, chair

Aurelien Stebe, vice-chair



14 May 2007

IVOA Interoperability Meeting – Beijing



# Registries are reaching a watershed

- Upgrading to Registry Interface v1.0
  - Trigger a chain of standards going to PR
- New protocols will define their own service-specific metadata
- Expanding suite of validation services available
  - Latest: Registry of Registries will validate all resource records
  - Can we pull these together as part of a coordinated curation effort?
- Emergence of Advanced Discovery Techniques
- Retrieving resource metadata from Services
  - VO Standard Interface (VOSI): `getRegistration()`, `getMetadata()`
  - DAL's `getCapabilities()`
- Fine/Rich vs. Coarse/Slim Registries
  - Table metadata
  - Can we apply quick solution or comprehensive solution later



# This week

- *Switched Tuesday's & Thursday's schedule*
- Monday 14:00 – 15:30
  - Registry Upgrade Status & Standards Issues
    - Review of Roadmap
    - Status reports, problems encountered with standard
  - Graininess I – an Introduction
- DAL1 – Monday 15:30 – 17:00
  - How-to define Service Capability Metadata
- Tuesday 10:30 – 12:00
  - Advanced Discovery Techniques
  - How-to define Service Capability Metadata
- Thursday 14:00 – 15:30
  - New Extension Schemas:
    - VOApps & VOStandards
    - Astronomical Outreach Imagery Metadata (AOIM)
  - Graininess II – positions and proposals



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**\*Issue that cuts across Working Groups!**



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\*Issue that cuts across Working Groups!

\*Looking for interested people to assist with standardization

# RI Upgrade & Standards Roadmap



- Registry Interfaces (RI) v1.0, Working Draft
  - Year delay in full deployment
- Current Roadmap:
  - April 6: Registry of Registries (RofR) ready to validate registries
  - April 30: Registry Upgrades Largely Complete
  - May 1: Testing period begins
  - May 14: IVOA Interop: discussion of remaining problems
  - May 30: global power-on of new registries
  - June 15: stability
  - July 1: begin RI-related PR process
- Get status of upgrade from projects
  - Any issues meeting standards? Any changes required?
- Revise Roadmap
  - Emphasis on PR/Rec standardization schedule



# Cross-cutting Topics

- Making new standard protocols registry-ready
  - How to define new capability metadata
  - DAL-1 (Monday, 15:30), Reg-2 (Tues. 11:45)
- Getting resource metadata from services
  - getCapabilities() at DAL-1 (Monday, 15:30)
  - VOSI at GWS-3 (Friday, 8:30)
  - Reg-3: in context of “Graininess” issue
- Graininess
  - Reg-1:
    - Principles for allowing added value/innovation while preserving & encouraging interoperability
    - Try to gain a common understanding of what “fine-grained” means
  - Reg-3:
    - Consider proposals for controlling accumulation of fine-grained information.