

The background of the slide is a blue-tinted photograph of a large radio telescope. The telescope's dish is on the left, and its complex support structure, including a dome-shaped enclosure, is visible. The text "NRC-CNRC Canada" is faintly visible on the side of the dish. On the right, another part of the telescope's infrastructure, possibly a control building or another dish, is partially visible.

Grid and Web Services

Brian Major, Giuliano Taffoni
IVOA Interop, May 2018, Victoria



VOSpace and Storage

- Two new VOS implementations that support file mounting:
 - Pat Dowler: The Cavern implementation (opencadc)
 - Giuliano Taffoni: VOSpace for HPC
- New VOSpace implementation at ICRAR (Andreas Wicened)

ACTIONS: Simplify implementation effort.

- Container for a simple VOSpace?

Authentication & Authorization

- Groups for authorization
 - Gerard Lemson: SciServer A&A
 - Sara Bertocco: Why we need groups
 - GMS WD: iterations to come
- Research Data Alliance
 - Carlo-Maria Zwölf: high level A&A requirements
- Credential Delegation
 - Token-based CDP
 - CDP in containers

Authentication & Authorization (2)

- Increasingly large number of centres /projects who need to support authenticated access
- Missing link: application support

ACTIONS:

- Need APPS to support authenticated access

UWS Registry Extension

- To remain a Note
- TAP 1.1 to make non-normative reference
- Future of UWSRegExt needs thought

ACTIONS:

- Note and associated XSD to be published ASAP

Science Platforms

- Commercial Cloud Storage and processing
 - André Schaaff:
 - Tom Donaldson:
- Full science platforms:
 - Gerard Lemson: SciServer has it all
 - Gregory Dubois-Felsmann, Kenny Lo: LSST Science Platform
- Platform technologies:
 - Brian Major: interactive user containers
 - Andy Lawrence on Notebooks:
 - Both hope and hype!
 - A great tool for collaboration

Science Platforms (2)

Standardization?

- We continue to learn best practices from each other
- Data centre capabilities?

Storage Optimization

ACTIONS:

- More prototypes
- How can GWS support the needs of KD and Machine Learning?

GWS Telecons

- Will be continued! Watch for announcements on grid@ivoa.net

The background of the slide is a large, blue-tinted image of a satellite dish. The dish is on the left side, and its structure is visible. To the right, there is a large, dome-shaped structure, possibly a radio telescope or a large antenna, with a complex metal framework. The entire scene is set against a dark, blue sky.

Big *thank you* to all the presenters.

See you in November in College Park.

