Grid and Web Services

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IVOA Interop, May 2018, Victoria

GWS Session I - Storage and A&A

- Science Platforms (was code-to-data, remote execution, anything else?)
- **Distributed storage and computing**
- Workflows
- **Access Control (Authorization and Authentication)**
- **Service Compatibility and Interoperability**
- Advancing existing standards
- Consideration of new standards

GWS Session I - Tuesday, 14:00 - Storage and A&A

Speaker	Title	Time
Brian Major	Introduction	5'
Patrick Dowler	Cavern: A file-based VOSpace implementation	12' + 3'
Giuliano Taffoni	VOSpace and storage at OATS/INAF	12' + 3'
Gerard Lemson	Data model for sharing in SciServer	12' + 3'
Sara Bertocco	Standard authorization based on groups and group membership	12' + 3'
Carlo Maria Zwölf	Authentication and Authorization in the Research Data Alliance	15' + 5'
Carlo Maria Zwölf	Transparent Authentication on TAP, UWS at Paris Observatory/VAMDC	8' + 2'
All	A&A discussion	time permitting

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GWS Session II - Science Platforms

- **Science Platforms (was code-to-data, remote execution, anything else?)**
- Distributed storage and computing
- Workflows
- Access Control (Authorization and Authentication)
- **Service Compatibility and Interoperability**
- Advancing existing standards
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GWS Session II - Thursday, 11:00 - Science Platforms

Speaker	Title	Time
Brian Major	Introduction	5'
André Schaaff	Feedback about last experiments: HiPS and AWS, X-Match & Spark	12' + 2'
Tom Donaldson	JupyterHub on Amazon Web Services	12' + 2'
Kenny Lo	Approach for Implementing LSST (DAX) Web Services	12' + 2'
Gerard Lemson	The SciServer Science Platform	12' + 2'
Brian Major	Offering containers as a service: an ALMA use case and prototype	12' + 2'
Andy Lawrence	Notebooks for the VO - hope or hype?	12' + 2'
All	Science Platform discussion	time permitting

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Document Status

- VOSpace 2.1 -- REC approved!

- UWSRegExt (Universal Worker Service Registry Extension) 1.0 -- WD in progress

- GMS (Group membership Service) 1.0 -- WD in progress

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GWS Telecons

- Three held since Santiago
- Low attendance, continue?

Talk to me.

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Have a productive week!