

Grid and Web Services Working Group

Brian Major and Giuliano Taffoni
IVOA Shanghai – May 2017



Focus of the GWS Working Group

- Distributed storage and computing
- Workflows
- Access Control (Authorization and Authentication)
- Service Compatibility and Interoperability
- Code to data
- Advancing existing standards
- Consideration of new standards

Status of GWS Document Standards

- Single Sign-On 2.0 – To exec for approval
- VO Support Interfaces 1.1 – To exec for approval
- VOSpace 2.1 – In RFC
 - Please take time to review and comment
- New: Group Membership Service
 - Interoperable authorization based on group membership
 - Working towards a WD in Santiago

Session 1: Tuesday, 11:00 – 12:30

Speaker	Title	Duration
André Schaaff, François-Xavier Pineau	Updates to Spark and X-Match at CDS Docker at CDS	15' + 5'
Petr Skoda	VO-CLOUD upgrade - integration of Spark, Jupyter and HDFS in a UWS-driven cloud service	15' + 5'
Giuliano Taffoni	Unified A&A with OpenStack , VMs, domains and LDAP	15' + 5'
All	Open Discussion - SSL transitioning	30'

Session 2: Thursday, 11:00 – 12:30

Speaker	Title	Duration
Sara Nieto	ESAC VOSpace Updates and Future Plans	12' + 3'
André Schaaff, Madjid Bouchair	Implementing VOSpace in Python	12' + 3'
Sara Bertocco	Authentication, data access and computing interoperability of IVOA based cloud services	12' + 3'
Brian Major	Group Membership Service Specification and Considerations	15' + 15'
All	Open Discussion - Federated Authentication	15'



Thank you

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