

**Talks related to ASTERICS WP4 Data Access, Discovery and Interoperability presented at the IVOA Interoperability meeting held in Cape Town, 8-13 May 2016**

**Opening plenary**

M. Allen* (CDS)	<a href="#">CSP Report</a> (CSP= Committee for Science Priorities)
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**Focus Sessions : Interoperability of data from major interoperability projects**

M. Allen (CDS)	<a href="#">Introduction to the Focus Sessions</a>
M. Servillat (Paris Observatory)	<a href="#">ASTERICS - CTA: the Cherenkov Telescope Array</a>
B. Merin (ESA)	<a href="#">ESA Euclid and Gaia</a>
G. Greco (INFN), E. Chassande-Mottin (APC), M. Branchesi, G. Stratta et al.	<a href="#">ASTERICS - EGO/VIRGO/Gravitational Waves</a>

**Application Working Group**

T. Boch (CDS) & the CDS Team	<a href="#">The new CDS portal, built on top of HiPS and MOC technologies</a>
P. Skoda, D. Andresic (Czech Republic)	<a href="#">Overview of new features in SPLAT-VO</a>
S. Sanchez Esposito (CSIC, Spain)	<a href="#">GUIpsy: a VO compliant tool for the kinematic analysis of datacubes</a>
D. Durand, T. Boch (CDS)	<a href="#">HiPS news: standardization process &amp; Aladin Lite improvements</a>

**Data Access Layer Working Group**

<i>TAP/ADQL/DALI</i>	
M. Demleitner (UHEI)	<a href="#">DALI example endpoints for various services</a>
D. Morris (UEDIN)	<a href="#">ADQL updates (OFFSET, HEX and XMATCH)</a>
D. Morris (UDIN)	<a href="#">Cosmopterix (Docker containers for database platforms)</a>
<i>Cube DAL feedback and implementation</i>	
F. Bonnarel (CDS)	<a href="#">SODA: General introduction to the topic</a>
M. Demleitner (UHEI)	<a href="#">SODA on cubes and large images, with an XSLT-based stand-in client</a>
F. Bonnarel (CDS), C. Koragappa (CDS)	<a href="#">SODA and Datalink implementations within Aladin (ASTERICS)</a>

### **Data Model Working Group**

<i>Provenance</i>	
M. Louys (CDS)	<a href="#">ObsCore 1.1</a>
K. Riebe (AIP-GAVO, Germany)	<a href="#">Provenance Data Model. Introduction</a>
K. Riebe (AIP-GAVO, Germany)	<a href="#">RAVE</a>
M. Sanguillon, A. Palacios, A. Lèbre (all from LUPM, France)	<a href="#">Pollux DB</a>
M. Servillat (LUTH)	<a href="#">CTA Model</a>
M. Louys (CDS)	<a href="#">Provenance Data Model: current state</a>

### **Grid and Web Services Working Group**

<i>Authorisation and Authentication</i>	
G. Taffoni (INAF)	<a href="#">INAF A&amp;A Roadmap</a>
M. Servillat (LUTH)	<a href="#">A&amp;A system for CTA</a>
G. Taffoni (INAF)	<a href="#">SSO 2.0 Updates</a>
GWS Session 2	
A. Schaaff, N. Wali, F.-X. Pineau (all from CDS)	<a href="#">Cross-match using Spark/Hadoop</a>
M. Taylor (Bristol)	<a href="#">SAMP over HTTPS</a>

### **Registry Working Group**

S. Derriere (CDS)	<a href="#">Registering data collections at CDS</a>
M. Demleitner (UHEI)	<a href="#">Managing managedAuthorities</a>

### **Data Curation and Preservation Interest Group**

F. Genova (CDS)	<a href="#">Outcome of the RDA work on Certification of data repositories</a>
A. Schaaff (CDS)	<a href="#">Some comments about my participation to RDA (Tokyo)</a>

### **Education Interest Group**

H. Heintz (UHEI)	<a href="#">VO-DAYS – Keeping up a tradition</a>
M. Demleitner (UHEI)	<a href="#">Tutorials for VO-Days and Beyond: Register them!</a>

**Operations Interest Group**

<i>Operations review and Validation</i>	
T. Boch (CDS)	<a href="#">MOC validation</a>
P. Le Sidaner, R. Haignon, C. Chauvin (all from Paris Observatory)	<a href="#">Testing VOEvent Frameworks</a>

**Time Domain Interest Group**

S. Derriere (CDS)	<a href="#">Exploring Time Series in VizierR</a>
J. Naadvornik, P. Skoda (Czech Republic)	<a href="#">Time Series Data using Sparse Data Cube Model</a>

***Splinter Session: PostgreSQL + pg\_sphere development (proposed by M. Nullmeir - UHEI)***