

Talks related to ASTERICS WP4 Data Access, Discovery and Interoperability presented at the IVOA Interoperability meeting held in Shanghai, 14-19 May 2017

Opening and closing plenaries

P. Fabbiano (CfA)	State of the IVOA (ASTERICS activities described in the talk)
M. Allen (CDS)	Committee for Science Priorities (CSP) report

Application Working Group

M Nullmeier (UHEI)	Storing and searching for MOCs in relational databases
F.-X. Pineau, T. Boch, P. Fernique and the CDS team (CDS)	HiPS catalogue implementation at CDS
P. Fernique & the Aladin CDS team (CDS)	Aladin V10
T. Boch and the CDS HiPS team (CDS)	Experimenting with HiPS: going beyond static image tiles
G. Mantelet (ARI/ZAH)	TAPLib & Co
A. Shih, R. Haigron, P. Le Sidaner (Paris Observatory)	Prototype of authentication architecture using ID federation even for non web application

Data Access Layer Working Group

M. Molinaro (INAF), M. Demleitner (UHEI)	Keeping Simple Cone Search up-to-date within DAL landscape
P. Skoda (Astron. Inst. Acad. Sci. Czech Republic)	SSA revisited
C. Rodrigo Blanco, E. Solano (INTA/SVO)	Datalink implementation for stellar library
Chaitra (CDS)	DataLink, SODA, TAP client facilities in Aladin
F. Bonnarel, M. Louys, G. Landais, P. Fernique (CDS)	Discovering and accessing datasets: status and ideas. / DataLink outside data DAL discovery context
G. Mantelet (ARI/ZAH)	TAP & MOC

Data Model Working Group

M. Louys (CDS), K. Riebe, M. Servillat (LUTH), M. Sanguillon (LUPM), F. Bonnarel (CDS), M. Nullmeier (UHEI)	IVOA Provenance metadata - Status
F. Bonnarel (CDS)	Convergence between UType and VO-DML roles

Grid and Web Services Working Group

A. Schaaff, F.-X. Pineau, G. Landais (CDS), L. Michel (Strasbourg Obs.), P. Trehou (UTBM)	Docker at CDS
G. Taffoni (INAF)	Unified Authentication & Authorisation (with Clouds, HPC, Virtual Machines and Containers)
S. Nieto (ESA)	ESAC VOSpace updates and future plans
A. Schaaff, M. Bouchair, I. Yapici, T. Boch, P. Fernique (CDS)	VOSpace implementation in Python
S. Bertocco, G. Taffoni (INAF), B. Major (CADC), M. Molinaro (INAF), S. Gaudet (CADC), F. Pasian (INAF)	Authentication, data access, computing interoperability of IVOA based cloud services

Registry Working Group

P. Fernique and the Aladin Team (CDS)	All-VO Registry in Aladin V10: The good, the bad, ...
M. Demleitner (UHEI)	STC in Registry
M. Taylor (U. Bristol)	Discovering dependent resources in TOPCAT's TAP window

Semantics Working Group

M. Molinaro (INAF)	The UCD helper dialog inside the TASMAN webapp
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Data Curation and Preservation Interest Group

F. Genova (CDS)	RDA activities and outputs
A. Schaaff (CDS)	RDA 9 Barcelona – Feedback

Education Interest Group

H. Heintz	Education material: A hands-on course in ADQL
J. Sorce, A. Nebot (CDS)	ASTERICS VO Schools
M. Demleitner (UHEI)	Recent updates to the education matters note

Operations Interest Group

P. Fernique and the CDS team (CDS)	HiPS validator
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Time Domain Interest Group

B. Cecconi, R. Haigron (Paris Observatory), M Gangloff (IRAP), C. Chauvin, P. Le Sidaner (Paris Observatory)	Feedback on VOEvent using planetary events at Paris Astronomical Data Centre
M. Molinaro (INAF)	Time Series use cases @INAF-OATs - GAPS Exoplanets / TSRS Space Weather
J.M. Alacid, E. Solano (INTA/SVO)	Time series and the VO
B. Cecconi (Paris Observatory), M. Louys (CDS), S. Erard (Paris Observatory)	Solar System IG inputs for Time Domain
S. Derriere (CDS)	Simple (?) Time Series in VizieR
F. Bonnarel (CDS)	Requirements on Time Series – Report from ASTERICS hackathon
J. Nadvornik (Czech Technical University Prague), Petr Skoda (Astron. Inst. Acad. Sci. Czech Republic)	Time domain Note
M. Demleitner (UHEI)	Handling Time Domain data with DACHS/Splat
J. Gonzales-Nunez et al (ESA)	Gaia DR2/3: Serving Time Series, Spectra, SSOs in the VO