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# Outline

- Introduction
- OiDB
- Demo

# Introduction

Astronomy has a long-standing data sharing culture

International Virtual Observatory Alliance (IVOA.net) develops and defines the standards and protocols to connect astronomical datasets and other resources.



→ provide to astronomers the best numerical environment giving access to the datacenters worldwide.

Thanks to observatories which provide archives and tools !!

# Introduction

Many other domains open data access

Make it FAIR !

**F**indable, **A**ccessible, **I**nteroperable and **R**eusable

Promote data sharing !

Increase article citations !!

# Introduction

After data reduction /  
before publication !

**store science ready data** on a  
long term repository

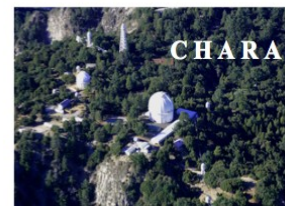
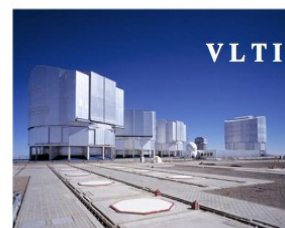
- CDS / VizieR
- ESO Phase 3
- OiDB

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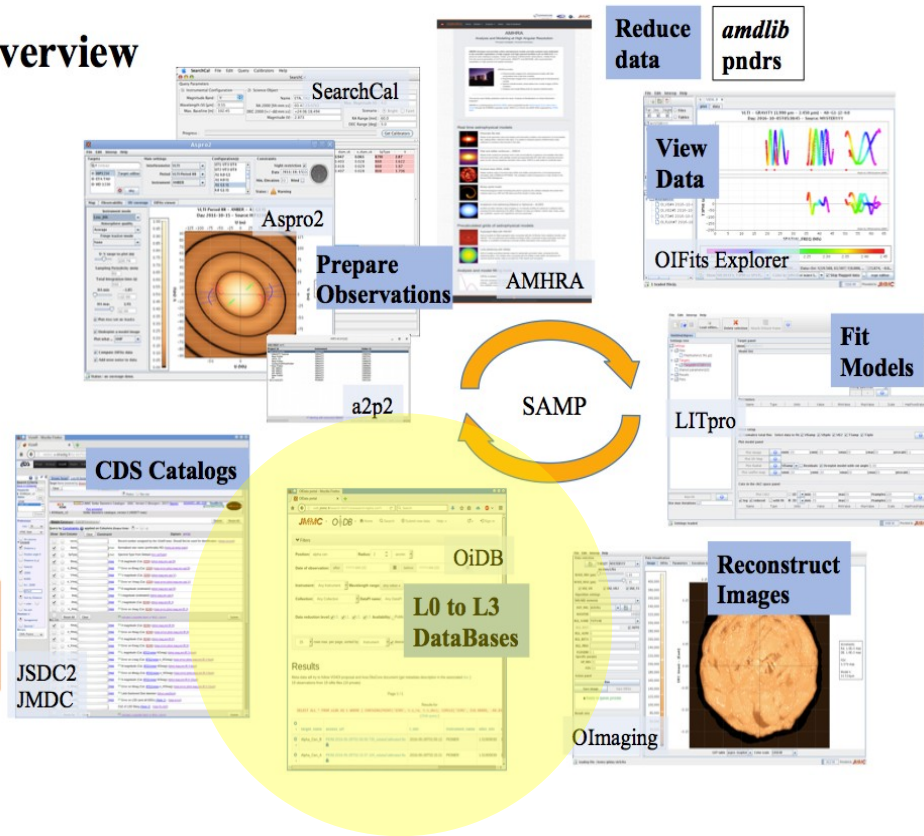
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## JMMC Service overview



**French Expertise Center**  
 User Support

- + TRAINING
- + OLBIN Publications DB



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## Why sharing your data on OiDB?



( look at Xavier Haubois video on [oidb.jmmc.fr](http://oidb.jmmc.fr) !)

# What is OiDB ?

- A webportal provided and maintained by JMMC since 2015 :
  - **central access to every interferometer / instrument data**
- It's a website : just visit <https://oidb.jmmc.fr>
  - Prefer firefox if you want to take advantage of interoperability
- It's VO compliant :
  - query metadata with TOPCAT or astroquery in Jupyter...



# What is inside OiDB ?

Calib_level	Content	Access Policy
L0	Observation records	public
L1	Reduced uncalibrated data	embargo and public
L2	Reduced calibrated data	embargo and public
L3	Science ready published data	public

- Content is synchronized manually or by program (push or pull)
  - OiDB offers the file storage unless covered by another archive
- Organized by collections :
  - Owners are submitters for manual deposits
  - Or PI of associated proposal for automated entries



# Demo

# Final words

*Lot of data available !!*

*Ongoing projects will provide more data:*

- *bridging with the CHARA archive*
- *VLTI automated reduction processing*

*Read the documentation and report any problem or question to the JMMC User Support*

[www.jmmc.fr/support](http://www.jmmc.fr/support)

**Feedback always appreciated and useful !**

*( ... don't be shy ! )*

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