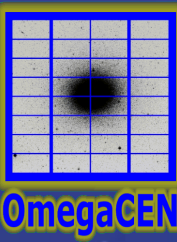
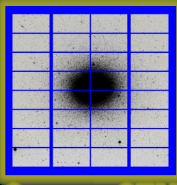


Astro-WISE

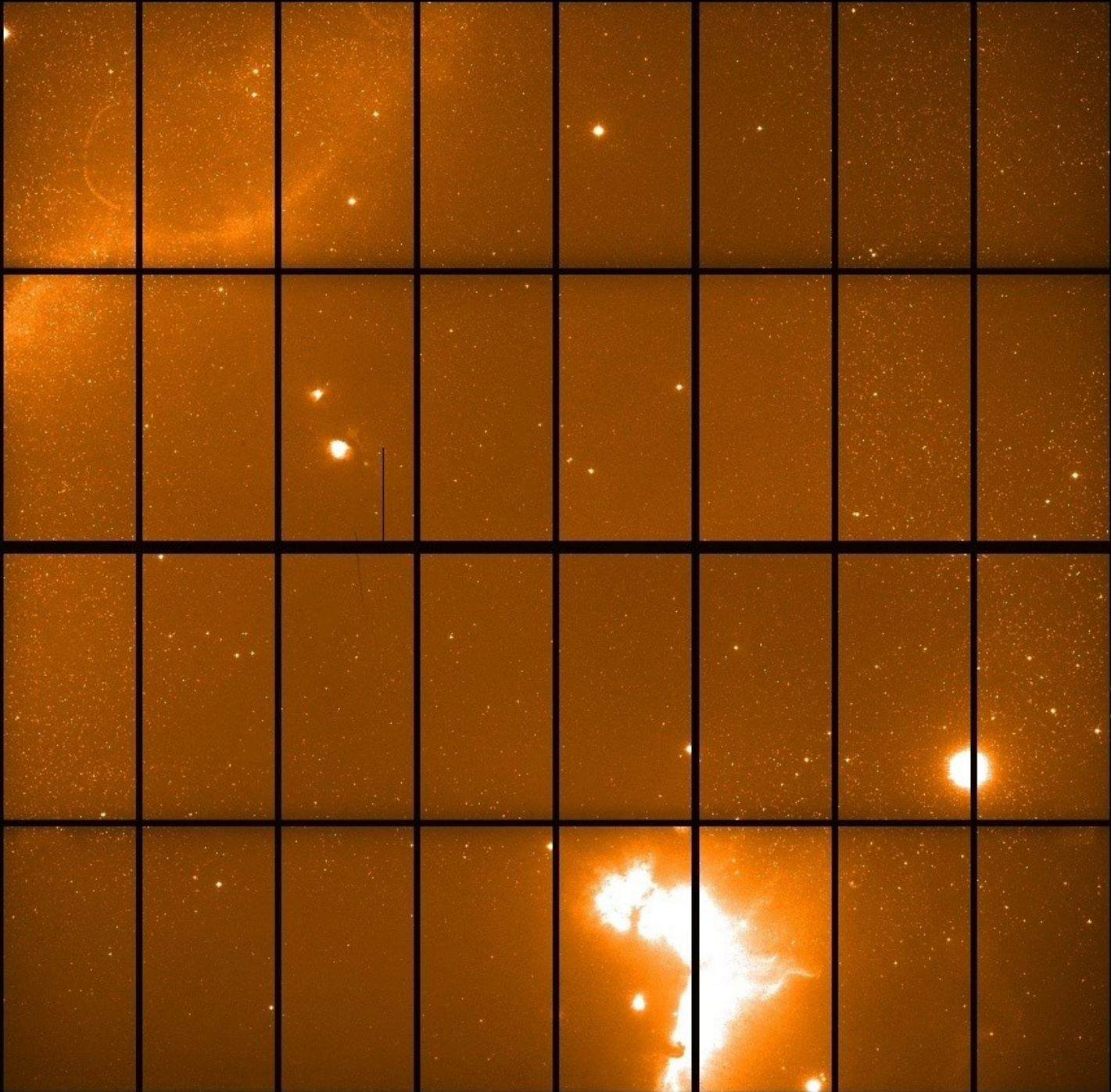


Astro-WISE workshop
Lorentz center Leiden

OmegaCEN
NOVA – Kapteyn Institute –
University Groningen
Edwin A. Valentijn



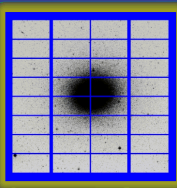
OmegaCEN



**100.000
gals/h**

**Astro-WIS
2008**

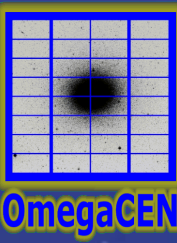
OmegaCAM at ESO-HQ



OmegaCEN

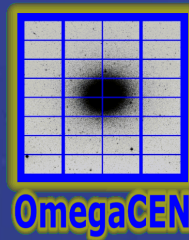


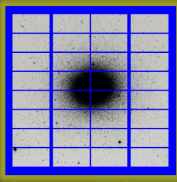
VST at Paranal



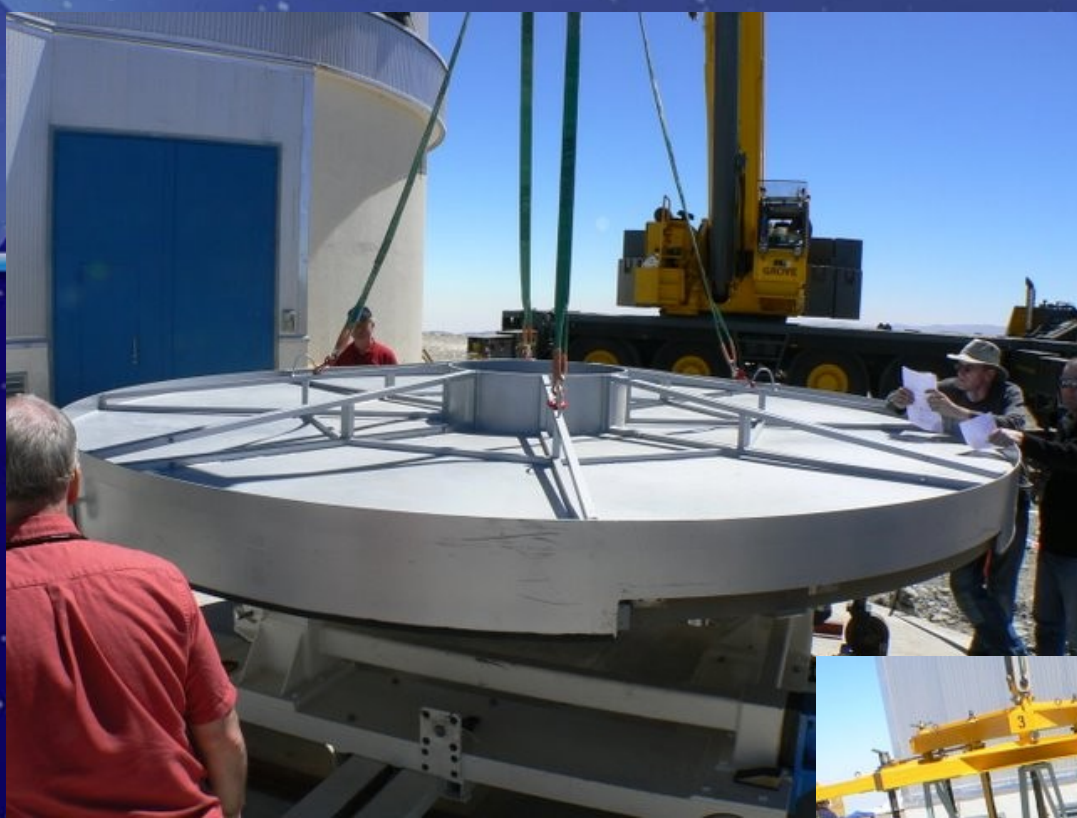
27 March 2008

VISTA M1 at Paranal



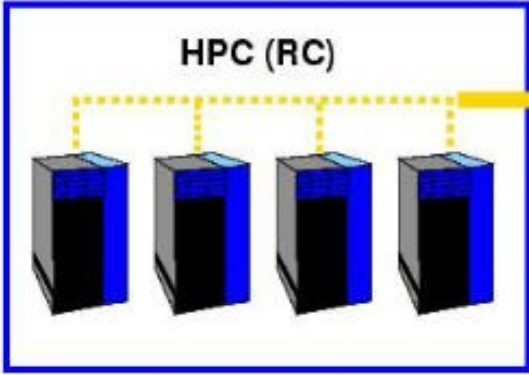
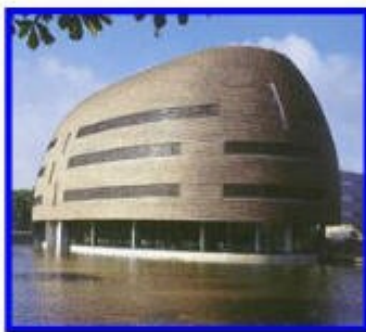


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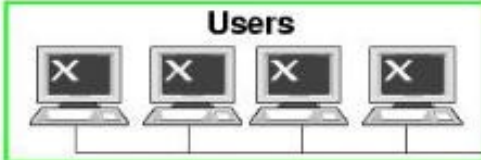


Astro-WISE workshop
2008

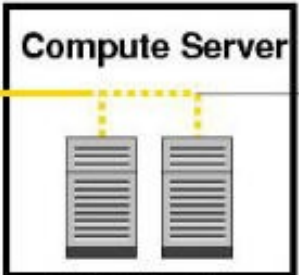
-VST - Virtual Survey Telescope



HPC (RC)
Parallel Pipeline (Python)
Oracle Client
FileServer Client (Python)



Users
Gateway to Astro-Wise Compute Server

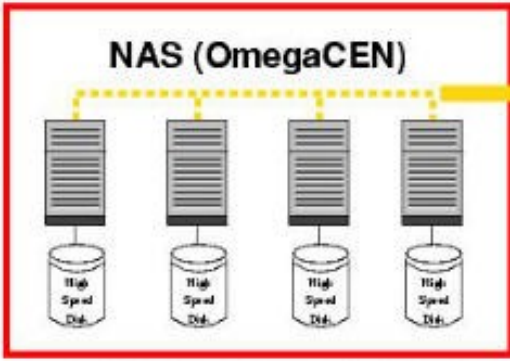


Compute Server
AWE Monitor
Pipeline (Python)
Oracle Client
FileServer Client (Python)

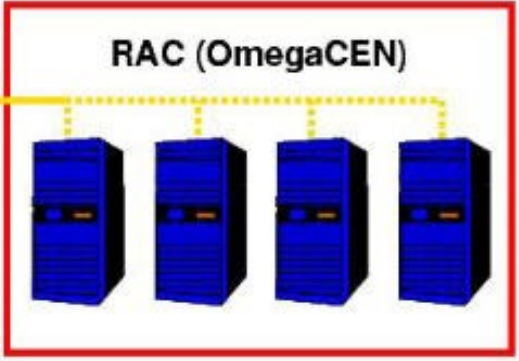


*Leiden
München
Napoli
Paris*

WAN



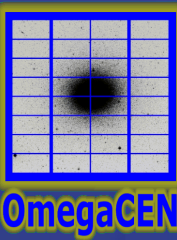
NAS (OmegaCEN)
FileServer Server (Python)



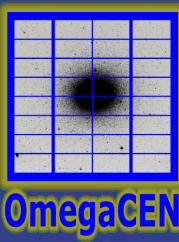
RAC (OmegaCEN)
Oracle Server



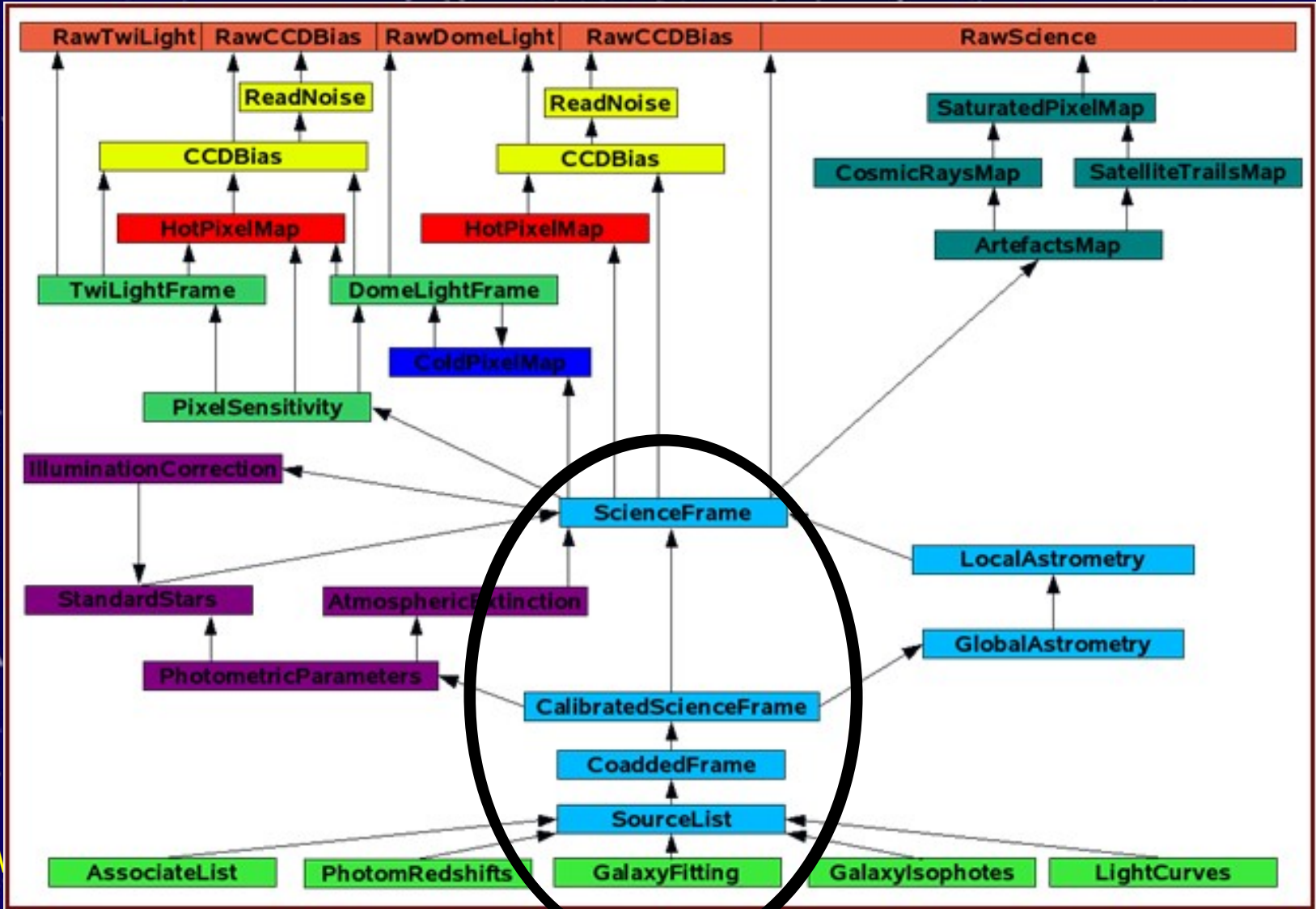
AstroWISE-Up



TARGET diagram



OmegaCEN



[Home](#)[AWE Information System](#)[Instruments](#)[AWE projects](#)[Datasets shortcuts](#)[Data & Software Viewing Grid](#)[Processing Grid](#)[Howtos & Manual](#)[More documentation](#)

Database viewer

[DbView](#)[world](#)

This is the general online viewer of our Oracle database. You can view, filter, sort and retrieve the content of all tables in the database. You can download image data from the fileserver. It is also possible to view dependencies of the object model and generate SQL statements.

Database "editor"

[CaITS](#)[aw partners](#)[world](#)

This tool, the calibration timestamp editor, makes it possible to edit the timestamps of the different calibration files and set the quality. This is the driver seat of the calibration scientist, editing the timestamps and quality flags. It also gives a graphical overview of which calibration files are used in the various pipelines.

Viewing source code

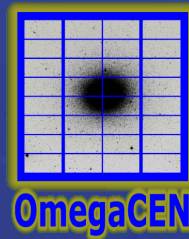
[PyDoc](#)[world](#)

Documentation of the Python scripts used in the Astro-Wise system. This documentation comes from comments in the scripts themselves. All the documentation of all scripts in all the packages is browsable in this interface.

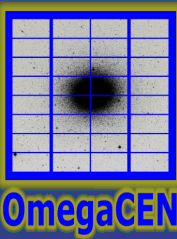
[CVS](#)[aw partners](#)

All the source code of the Astro-Wise system is maintained with CVS. This version management tool allows different users on different locations to work on the same source code. All the source code can be viewed, including all the changes that have been committed by the developers. CVS is federating the code.

Extreme data lineage



	RawFrame	ReducedFrame	RegriddedFrame	CoaddedRegriddedFrame	BiasFrame	ColdPixelMap	MasterFlatFrame	FringeFrame	HotPixelMap	Illumination Correcti
SLID=4147 SID=0 RA=11.3289 DEC=-29.3984 X=1765 Y=84										
SLID=136151 SID=27 RA=9.5151 DEC=-28.9031 X=883 Y=45								None		
SLID=136151 SID=29 RA=9.6949 DEC=-28.9023 X=538 Y=126								None		
SLID=136151 SID=28 RA=9.8784 DEC=-28.9041 X=247 Y=96								None		
SLID=4147 SID=40 RA=11.4650 DEC=-29.3785 X=284 Y=187										



COMBINATION OF COLLABORATIVE PROJECT AND COORDINATION AND SUPPORT ACTION

Integrated Infrastructures Initiative project (I3) proposal Infrastructures Call FP7-INFRASTRUCTURES-2008-1

AstroWISE Access to Survey Infrastructure

AstroWISE-Up

Date of preparation: 29 Feb 2008

Version number: 29feb-2

Participant no.	Participant organisation name	Part. short name	Country
1	The University of Groningen	RuG-NOVA	The Netherlands
2	Max-Planck-Institut fuer extraterrestrische Physik	MPG	Germany
3	Istituto Nazionale di Astrofisica	INAF	Italy
4	European Organization for Astronomical Research in the Southern Hemisphere	ESO	Germany
5	Donald Smits Center for Information Technology	RuG-CIT	The Netherlands
6	Centre National de la Recherche Scientifique	CNRS	France
7	Instituto de Astrofísica de Canarias	IAC	Spain

Work programme topics addressed

INFRA-2008-1.1.1: Bottom-up approach: Integrating Activities in all scientific and technological fields



KIDS – VIKING



250 nights



440 nights

VIKING

VISTA

4m telescope

0.6 sq.deg.
InfraRed camera

16 2kx2k
detectors

0.35" pixels

KIDS

VST

2.6m telescope

1 sq.deg. optical
camera OmegaCAM

32 2kx4k
detectors

0.21" pixels

