JMMC

JMMC pole

Scientific Council	Director	Directors Council
Pdt: T. Paumard	*Gilles Duvert*	*Pdt: DSAA INSU*

Technical Center

Software

Coordination & Infrastucture : G. Mella (OSUG)
Technical Director : L. Bourgès (OSUG)

Web services

Grenoble OSUG

Lyon OSUL

Nice OCA

Obs. Paris

SNO5 MOIO*
Director: G. Duvert (IPAG/OSUG)

Existing tools maintainance and support
G.Duvert, M.Benisty
(IPAG/OSUG)

Model fitting and Image Reconstruction
F. Soulez
(CRAL/OSUL)

OI Data Bases
OIDB, JSDC, JMDC, BadCal...
X. Haubois (ESO)

AMHRA**
A. Domiciano de Souza
(LAGRANGE/OCA)

R & D Groups

SNO3 SUV**
Director: A. Matter (LAGRANGE/OCA)

SUV local representatives:
OCA	A. Matter
Obs.Paris	V. Coudé du Foresto
OSUG	J-C. Augereau
OSUL	E. Thiébaut

Training
A. Meilland (OCA)

(*) Méthodes et Outils pour l'Interférométrie Optique   (**) Support Utilisateur VLTI   (***) Analyse et Modélisation en Haute Résolution Angulaire
[v.2019-06-15]

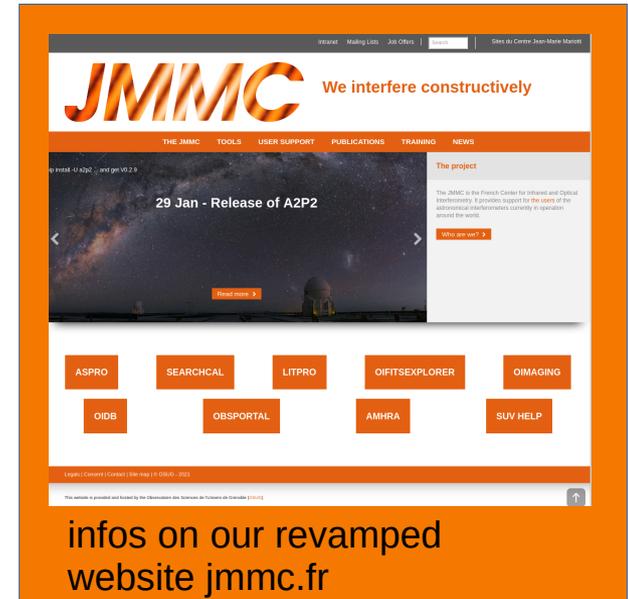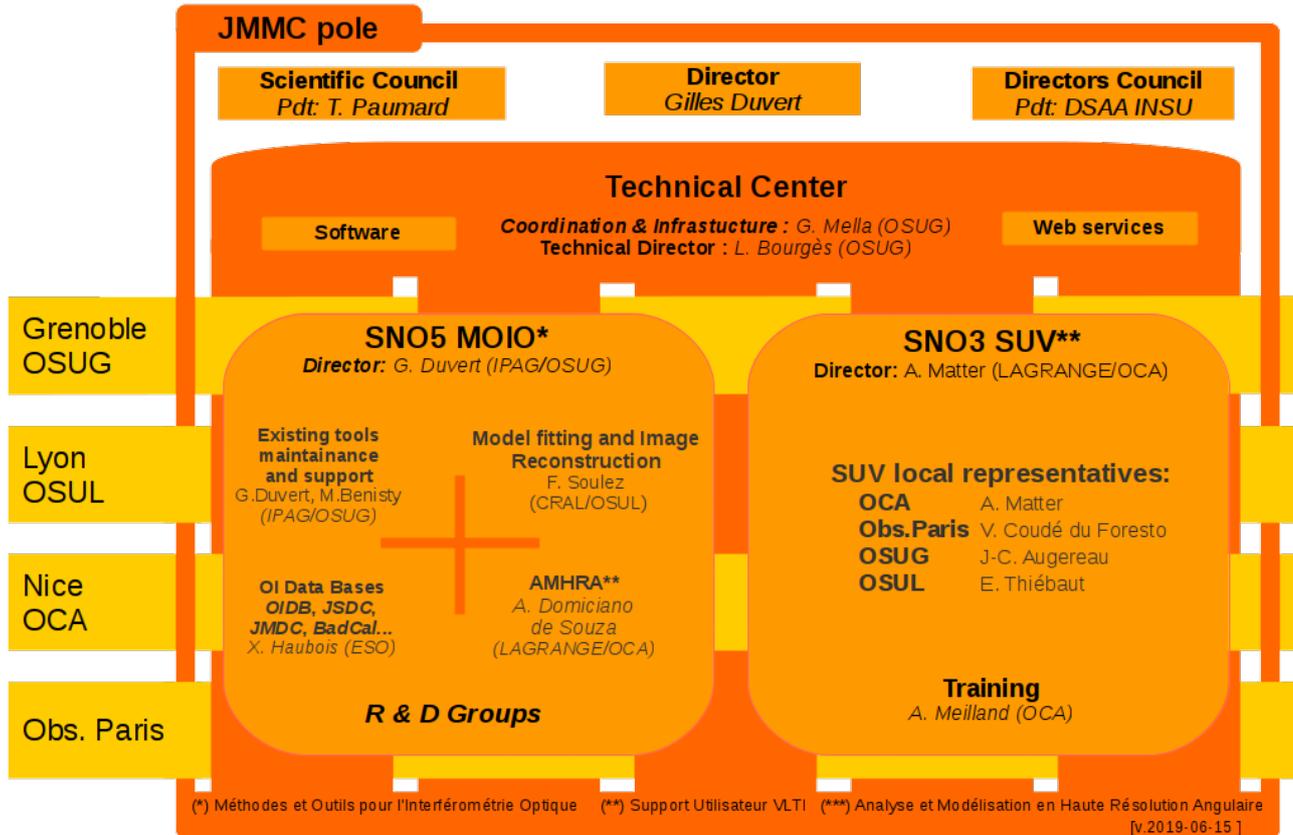infos on our revamped website jmmc.fr

JMMC is TOOLS + SERVICE
New director (Q2 2021):
Isabelle Tallon-Bosc

TOOLS="MOIO" this report
SERVICE='SUV" report by
Alexis Matter.

Update on JMMC 'TOOLS' activities 1

New database: "**ObsPortal**" :
- compiles metadata of ALL interferometric observations made at ESO (and CHARA), synchro every day, a lot of information available (300K observations, 1M FITS headers)
- main query/visualization interface: ASPRO although a rudimentary web interface exist
- TAP 'VO' queries, cone search ...

ASPRO:
- uses ObsPortal to report on all past observations on each ASPRO target (demo)
- useful at proposal time
- needed for night scheduling (already observed objects/uv points)
- A2P2 update. A2P2: the companion tool to create OBs.

Update on JMMC 'TOOLS' activities 2

OiDB: (the measurements database)
- Added plots of visibilities, closures etc for each reduced observation available
- Support of SUV-reduced data (privacy, release date see Alexis talk)
- Soon: private OiDB areas for team collaborative work (TBD)

JMDC: (the measured diameters database - also on CDS catalog II/345/JMDC)
- deployment of a dedicated database @JMMC that enable direct submission of diameter measurements by the authors (or anybody interested). Moderated of course.
- fairly used (JMDC is ~10K queries/month --- JSDC is 200K q/m)

SearchCal:
- crossmatch with GAIA release 2 for identification, photometries, distances...
- revised JSDC diameters accordingly (soon) (nothing to worry about)
- 2.5M estimated diameters (calibrators) with the SearchCal app.