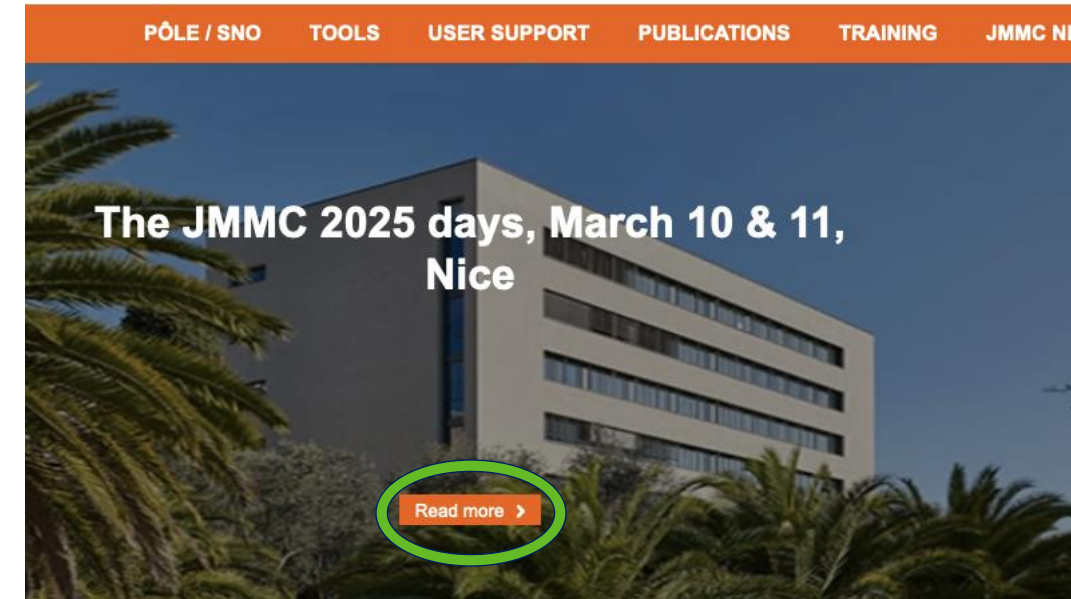


Nouvelles du pôle JMMC

- Fonctionnement
- OLBIN Publications DataBase
- (In)Formation
- Événements marquants 2024 et à venir (avec présence du JMMC)

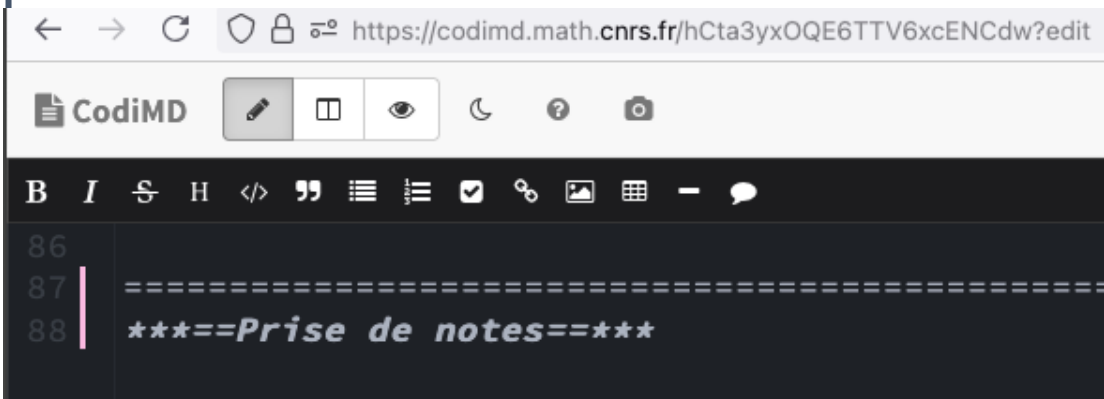


Home > JMMC News > JMMC Calendar > The JMMC 2025 days, March 10 & 11, Nice

The JMMC 2025 days, March 10 & 11, Nice

This year, the JMMC annual meeting will be held at the Laboratoire Lagrange, Observatoire de la Côte d'Azur and will bring together the French optical interferometry community.

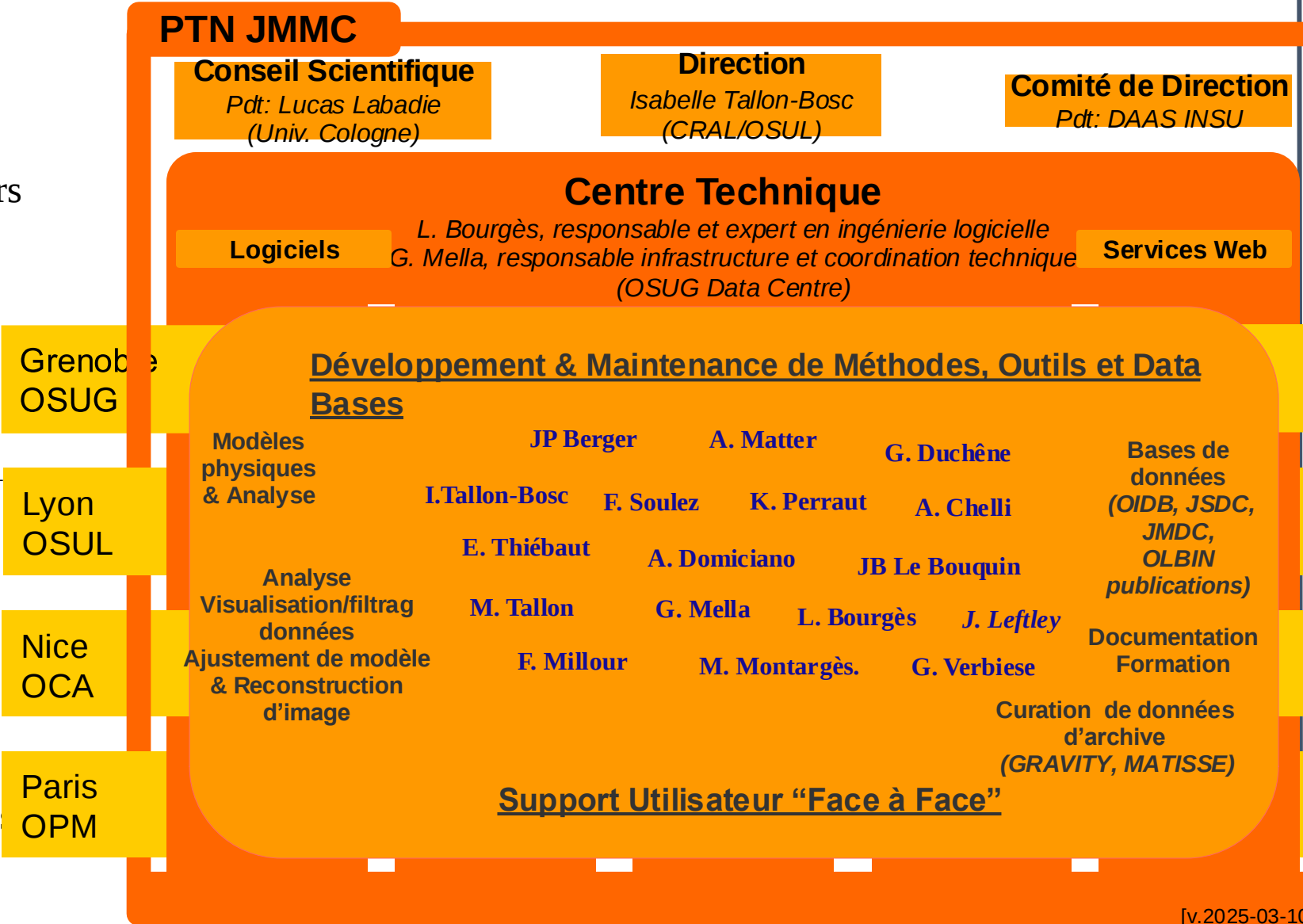
The agenda is visible from [this page](#).



Fonctionnement

Ressources humaines

- Une quinzaine de personnes à temps partiel (sur fiches BDD INSU)
 - ETP : 2.1 chercheurs 1.25 ingénieurs
 - stabilité 2024-2025
- + Collaborations
 - P. Cruzalèbes (catalogue) , D. Mourard, D. Salabert (projet SPICA-DB)
 - X. Haubois, ESO (CfP – OIBD), I. Percheron, ESO, P. Garcia, VEC-Porto – (Archiv data curation)
 - J. Jones, CHARA (OIBD, ...)
- + Soutiens
 - OSUG-DC (infrastructure logicielle)
 - OSUG-communication (site web)
 - Administrations OSUL, OSUG, OCA (gestion missions, commande



Fonctionnement vie interne

- réunions "jmmc-tech" hebdomadaires
 - suivi tickets et "chantiers"
- réunions "jmmc-dir" motivées par évènement
- 2 réunions du CS – printemps et automne
 - 2024 - 11 avril et 25 novembre
 - 2025 - fin mai
- 1 réunion du CoDir, avant remontée Dialog
 - 2024 – 25 juin
 - présentation et accord sur bilan financier et budget prévisionnel

- **Conseil Scientifique**

- Edwige Chapillon (IRAM)
- Orlagh Creevey (OCA/Lagrange)
- Olivier Flasseur (OSUL/CRAL)
- Paulo Garcia (Univ. Porto)
- Lucas Labadie (Univ. Cologne) , président
- Franck Le Petit (OPM/LERMA)
- Laurent Mugnier (ONERA)

- **Comité de Direction (CoDir)**

- DAS INSU-AA (présidence)
- Directions des 4 obs. partenaires
- invités : ONERA, direction ASHRA, direction PTN, délégué INSU-AA SNO
- depuis 4 ans : directions SNO, laboratoires IPAG, CRAL, Lagrange, LESIA/LIRA

Fonctionnement

Ressources financières

- INSU → PTN (notification & versement à l'OSUL)
 - budget pour fonctionnement du pôle dont le Centre Technique,
 - 2024 : 9 k€ SE + ~~3k€ RP~~ accordés mais non versés
 - Journées à ENS-Lyon, missions & équipement informatique
 - **détail des dépenses disponible sur demande**
 - 2025 : 12 k€ SE
 - Journées à l'OCA, missions
 - co-financement Workshop " Frontiers in astronomical interferometry analysis "
- budget SNO dans chaque observatoire partenaire pour missions JMMC des chercheurs (convention & demande à formaliser et justifier chaque année)
 - à prévoir : préciser procédure avec OPM (suite au recrutement de Miguel)
- **Conclusions**
 - budget pour fonctionnement suffisant
Merci aux instances pour leur soutien continu !
- Toujours besoin d'étoffer le Centre Technique
 - projet à construire
 - réflexions en cours

OLBIN

database interactive des publications à referee en interférométrie optique

- 2024 : Petit groupe moins petit : + Gaspard 😊
réunions régulières (7 en 2024)

- gestion de la base
- valorisation :

→ faciliter la recherche d'un papier ou de résultats
→ fournir une métrique d'impact (e.g. du JMMC)

You can search papers by keywords (years, titles, author names , part of bibcodes), or/and by using tags from the list. [Tag List](#)

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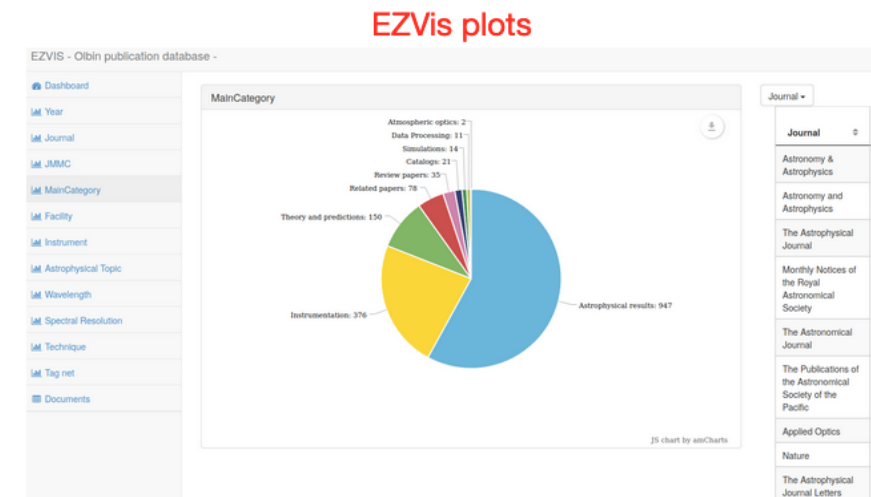
It is not easy to define an interferometric paper, and in some cases, the decision to include or not a paper in OLBIN may be somewhat subjective. But we can say that it is a referred paper:

- whose main topic is optical interferometry (Long Baseline or Sparse Aperture Masking),
- with new astrophysical interferometric data and results, or
- that uses already published interferometric observables (visibilities, closure phases and so on) together with other types of data, within a model to produce new astrophysical results.

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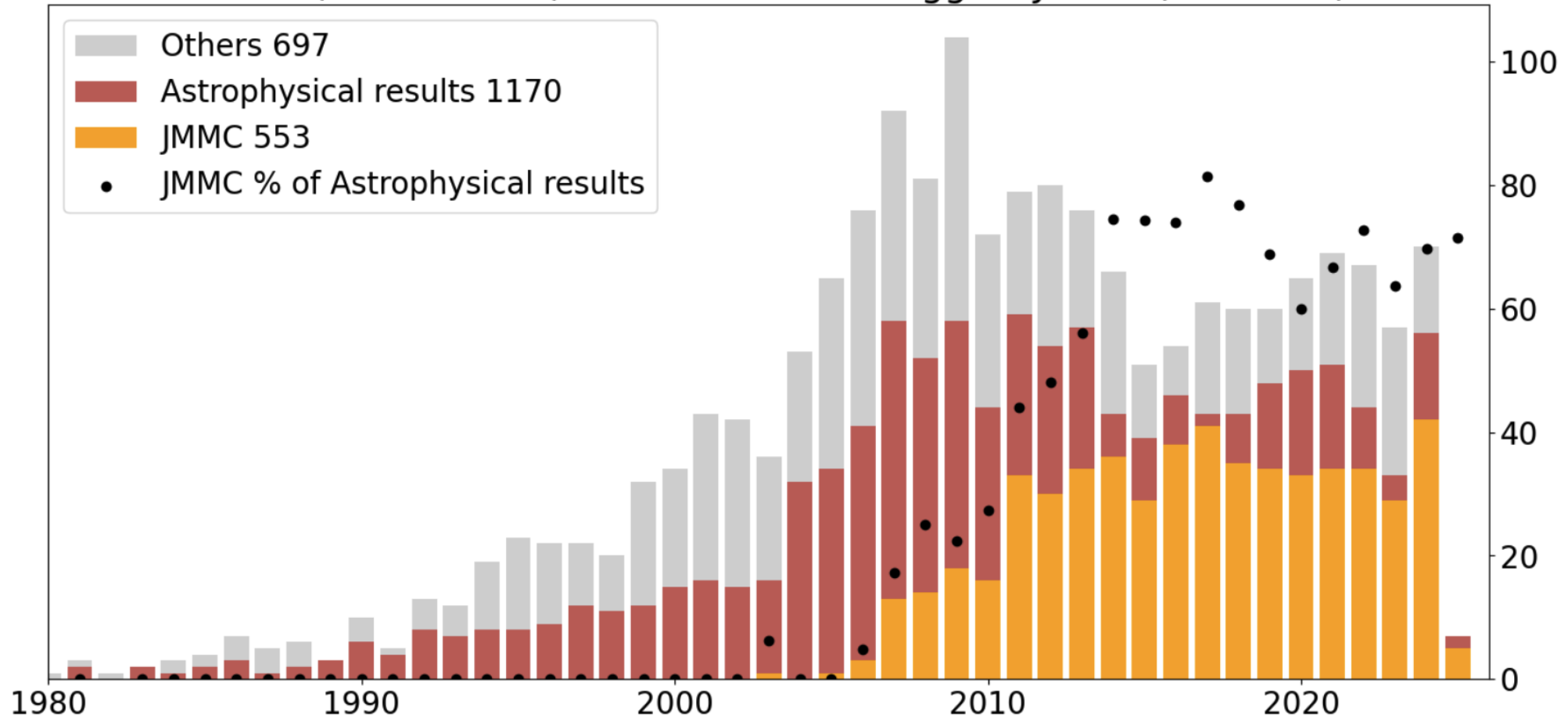
Get publications for a given target on ADS



OLBIN

→ métrique indicative de l'impact du JMMC

OLBIN (1920 - 2025) - Rank A articles tagged 'JMMC' (total 553)



En 2024, ~70% des papiers astr. se réfèrent au JMMC.

Importance des références



We interfere constructively

PÔLE / SNO

TOOLS

USER SUPPORT

PUBLICATIONS

TRAINING

JMMC NEWS

CONFERENCES

JMMC Aspro2 24.09 ready for ESO Period 115 & CHARA 2025A semester

Read more >

The Mission

The JMMC is the french center for optical interferometry, providing support for **the users** of the stellar interferometers currently in operation. This support is possible thanks to the development of efficient and using friendly tools for pre-observations, analysing the data or archiving the results. These tools are accessible through the web site and linked to the "Face" help, especially for the preparation of observations with PIONIER, GRAVITY and MATISSE data reduction, and analysis.

Acknowledgements: some recommendations

If a JMMC software, catalogue or database has been used in your research, please mention it in your publication in the 'Acknowledgements' Section, add the reference article in the 'Bibliography' Section and indicate, e.g. in a footnote, the link you used. Such recognition is important if JMMC can continue its mission.

Find the phrases, updated links and reference articles

here.

who are we? >

JMMC User Support

AMHRA

This research has made use of the Jean-Marie Mariotti Center - AMHRA service at <https://amhra.jmmc.fr/>.

- Kinematic Be disk
Delias O., Stee Ph., Meilland A. et al., A&A 529, A87 (2011)
<https://doi.org/10.1051/0004-6361/201015639> [Cn](#)
- Disk and stellar continuum – DISCO
Vieira R. G., Carciofi A. C. and Bjorkman J. E., MNRAS 454, 2107-2119 (2015)
<https://doi.org/10.1093/mnras/stv2074> [Cn](#)
- Vieira R. G., Carciofi A. C. and Bjorkman J. E., ASPC 506, 135-142 (2016)
<https://ui.adsabs.harvard.edu/abs/2016ASPC..506..135V>
- Binary spiral model
Soulan A., Millour, Lopez B. et al. A&A 618, A108 (2018)
<https://doi.org/10.1051/0004-6361/201832817> [Cn](#)
- Simple YSO model – sYSOm
Kokoulina E., Matter A., Lopez B. et al. A&A 652, 61 (2021)
<https://doi.org/10.1051/0004-6361/202141175> [Cn](#)
- Matter A., Labadie L., Kreplin A., et al. A&A 561, 26 (2014)
<https://doi.org/10.1051/0004-6361/201322042> [Cn](#)
- Supergiant B[e] with HDUST
Domiciano de Souza A. and Carciofi A. C., in Circumstellar Dynamics at High Resolution A. Carciofi and Th. Rivinius eds. ASP Conference Proceedings 464, 149 (2012)
<https://ui.adsabs.harvard.edu/abs/2012ASPC..464..149D>
- Carciofi A. C. and Bjorkman J. E., ApJ 639 (2), 1081-1094 (2006)
<https://doi.org/10.1086/499483> [Cn](#)
- Limb-darkening with SALLAS
Neillon H. R. and Lester J. B. A&A 554, A88 (2013)
<https://doi.org/10.1051/0004-6361/201321502> [Cn](#)
- Neillon H. R. and Lester J. B. A&A 556, A86 (2013)
<https://doi.org/10.1051/0004-6361/201321888> [Cn](#)
- OIFits modeler
Duvert G., Young J. and Hummel C.A., A&A 597, A8 (2017)
<https://doi.org/10.1051/0004-6361/201526405> [Cn](#)

Aspro2

This research has made use of the Jean-Marie Mariotti Center \texttt{Aspro} service.

\footnote{Available at <http://www.jmmc.fr/aspro>}

Bourgès, L. and Duvert, G., 2016, in SPIE Conference Series, Vol. 9907, Optical and Infrared Interferometry and Imaging V, ed. F. Malbet, M.J. Creech-Eakman & P.G. Tuthill
https://ui.adsabs.harvard.edu/link_gateway/2014SPIE.9146E..OOH/doi:10.1117/12.2056977

GetStar

This research has made use of the Jean-Marie Mariotti Center \texttt{GetStar} service.

\footnote{Available at <https://www.jmmc.fr/getstar>}

JMDC

This research has made use of the JMMC Measured Stellar Diameters Catalogue.

\footnote{available at <http://www.jmmc.fr/jcdc>}

Duvert G., 2016,
<https://ui.adsabs.harvard.edu/abs/2016yCat.2345....DD>

JSDC

This research has made use of the Jean-Marie Mariotti Center JSDC catalogue, which involves the JMDC catalogue.

\footnote{JSDC available at <http://www.jmmc.fr/jcdc>}

Chelli A., Duvert G., Bourgès L. et al., 2016, A&A, 589, 112

<https://doi.org/10.1051/0004-6361/201527484> [Cn](#)

LITpro

This research has made use of the Jean-Marie Mariotti Center \texttt{LITpro} service.

\footnote{LITpro software available at <http://www.jmmc.fr/litpro>}

Tallon-Bosc I., Tallon M., Thiébaud E., et al., 2008, in SPIE Conference Series, Vol. 7013, Optical and Infrared Interferometry, ed. M. Schöller, W. C. Danchi, & F. Delplancke, 70131J
https://ui.adsabs.harvard.edu/link_gateway/2008SPIE.7013E..1JT/doi:10.1117/12.788871 [Cn](#)

OIDB

This research has made use of the Jean-Marie Mariotti Center Optical Interferometry Database.

\footnote{OIDB available at <http://oidb.jmmc.fr/>}

Hauvois X., Bemaud P., Mella G., et al. 2014, in SPIE Conference Series, Vol. 9146, Optical and Infrared Interferometry IV, ed. J. K. Rajagopal, M. J. Creech-Eakman, & F. Malbet, 91460O
https://ui.adsabs.harvard.edu/link_gateway/2014SPIE.9146E..OOH/doi:10.1117/12.2056977

OIFits Explorer

This research has made use of the Jean-Marie Mariotti Center \texttt{OIFits Explorer} service.

\footnote{Available at <http://www.jmmc.fr/oifitsexplorer>}

OImaging

This research has made use of the Jean-Marie Mariotti Center \texttt{OImaging} service.

\footnote{Available at <http://www.jmmc.fr/oimaging>}

Soulez F., Bourgès L., Kaszyczyv A. et al., 2022, in SPIE Conference Series, Vol. 12183, Optical and Infrared Interferometry and Imaging VIII, ed. A. Mérand, S. Sallum, & J. Sanchez-Bermudez, 121831H
https://ui.adsabs.harvard.edu/link_gateway/2022SPIE12183E..1HS/doi:10.1117/12.2630251 [Cn](#)

SearchCal

This research has made use of the Jean-Marie Mariotti Center \texttt{SearchCal} service, which involves the JSDC and JMDC catalogues.

\footnote{Available at <https://www.jmmc.fr/searchcal>}

Chelli A., Duvert G., Bourgès L. et al., 2016, A&A, 589, 112

<https://doi.org/10.1051/0004-6361/201527484>

SearchFTT

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\footnote{Available at <https://searchftt.jmmc.fr/>}

Berdeu A., Le Bouquin J.B., Mella G. et al, 2024, in SPIE Conference Series, Vol. 13097, Adaptive Optics Systems IX, ed. K. Jackson, D. Schmidt, D. and E. Vernet, 130976G
<https://doi.org/10.1117/12.3019865>

User Support

This research benefited from the help of JMMC Expertise Center for the User Support (<https://user.support.jmmc.fr/>)

PÔLE / SNO

TOOLS

USER SUPPORT

USER SUPPORT

How to access

Expertise Center

Acknowledgements

Home > User Support > Expertise Center

Expertise Center

Acknowledgements and Publication policy

If your research benefited from the help of the User Support SUV, please see the updated [Acknowledgements page](#).

Once your request has been submitted by the HelpDesk, a member of the User Support team will take it on and do his best to meet your needs. If his help goes beyond the basic request and involves more in-depth assistance, such as helping to analyze and improve a model fitting or an image reconstruction, it would be appropriate to recognise these contributions by considering him as a co-author of the final publication.

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database interactive des publications à referee en interférométrie optique

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réunions régulières (7 en 2024)

- gestion de la base
- valorisation :
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 - fournir une métrique d'impact (e.g. du JMMC)

- 2024 Améliorations :
 - Simplification de la page publique
 - améliorations procédure et documentation internes
 - intégration des papiers SAM ok
- 2025
 - poursuite jouvence de la base
 - lien avec OIDB : définir le chantier
 - tuto pour utilisation des graphes EZVis
 - Data Paper

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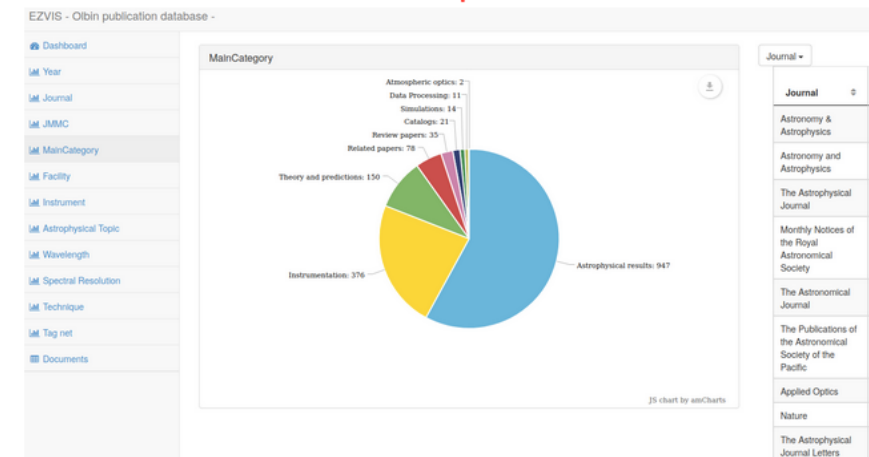
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EZVis plots



(In)Formation

documentation logicielle et formation à l'IO

- 2024 : Petit groupe plus petit : - Myriam 😞
- Documentation logicielle
 - tutos filmés sur outils & méthodes : activités en suspens mais reprise possible (sollicitations ponctuelles des membres SNO)
 - documentation générale IO
 - à faire – pas de difficultés, juste besoin de temps -
- Participation aux ateliers IO (SOC, cours & encadrement TP)
 - en 2024 – 12th VLTI School
 - PI- A. Matter, A. Meilland, P. Cruzalèbes, F. Millour, Lagrange Lab., correspondant ORP
 - **dernière école financée !**

Future école ?

nécessité indubitable

Projet mené avec collègues américains ? Par qui ? Comment ?

Quelle implication du JMMC dans l'organisation ?



Evènements marquants 2024 – et à venir avec présence du JMMC

- **2024** – participation aux :
 - CHARA meeting, Tucson, 12-14 mars puis visite SPICA/CHARA
 - Journées ASOV, Strasbourg, 18-19 mars
 - Journées SF2A, Marseille, session IO /ASHRA, 6 juin
 - Gravity+ workshop, IPAG, intervention /outils JMMC, 11 juin
 - EAS, Padoue, special interferometric sessions, dont celle organisée par ESO et Eii, 1-5 juillet
 - VLTI-School, Porquerolles, 22-26 sept.
- **Rencontres avec les collègues grenoblois**
du SNO5 HCDC le 12 nov.
et de l'User Support IRAM – NOEMA les 13&14 nov.
- **2025** – participation au :
 - CHARA meeting, Nice, 28-30 avril
 - Workshop "**Frontiers in astronomical interferometry analysis**", OSUG/IPAG, ~nov.-déc.
en cours de montage (cf talk de JP)

Souvenir Souvenir 2024 ... le 14 novembre

Journée mémorable au Pic de Bure

