

What's new JMMC?

Isabelle Tallon-Bosc

Laurent Bourgès, Guillaume Mella, Jean-Philippe Berger, Alexis Matter
and all the JMMC members



JMMC = OI support Service

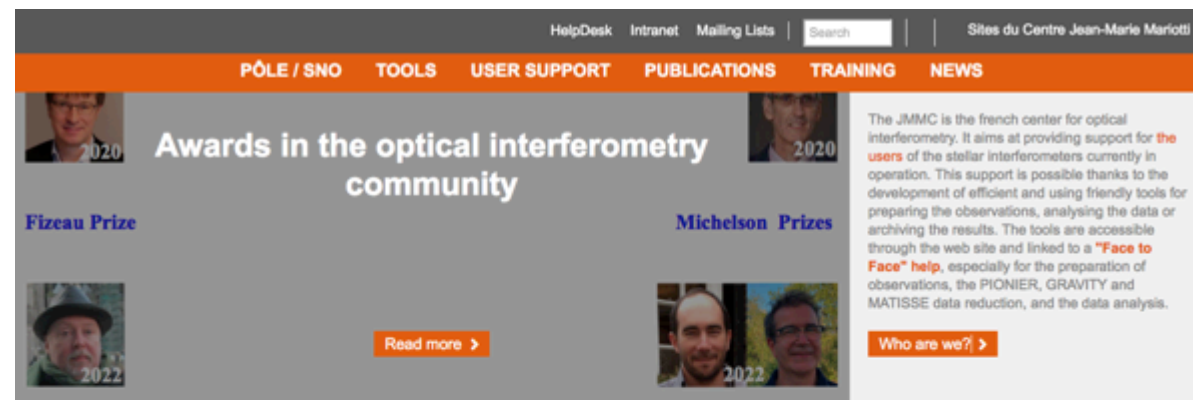
23 years of activities along 3 axes:

- development of tools - *PI. JP. Berger*
- "face to face" user support - *PI. A. Matter*
- communication / information

continuous evolution since 2000

this talk: **what's new** since last year

<http://www.jmmc.fr/>



JMMC User Support

The JMMC is committed to provide support to the users of the VLTI and other interferometers. For this purpose, a single [contact e-mail address](#) has been created. We will respond to your request as soon as we can. Let you note that we all are working at JMMC part time. Thank you for your patience. You can also fill the dedicated feedback form. Access by click on "Read more".

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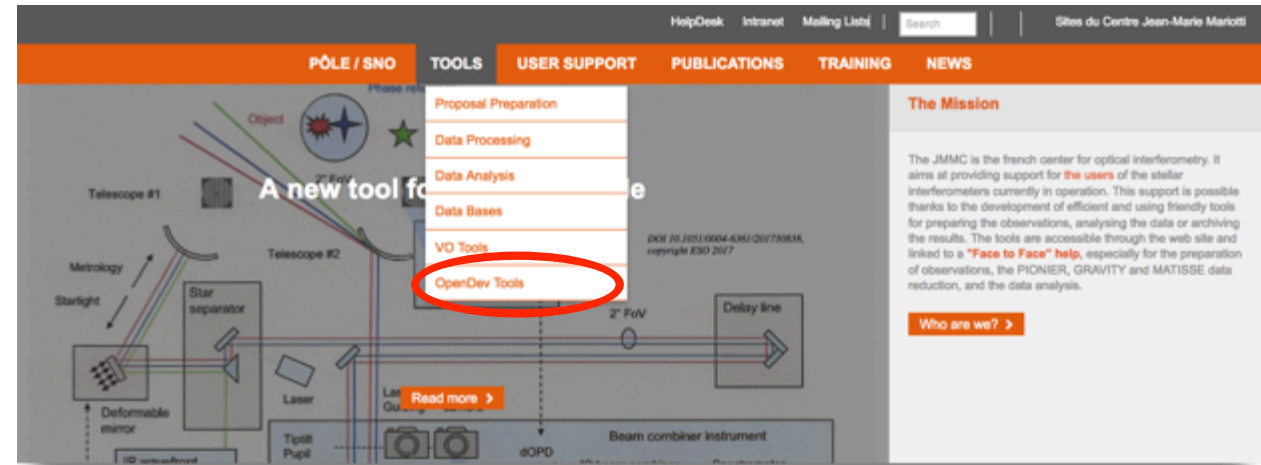
JMMC = OI support Service

Axis 1

- development of tools - *Pl. JP.Berger*

what's new:

- updates → Laurent's talk



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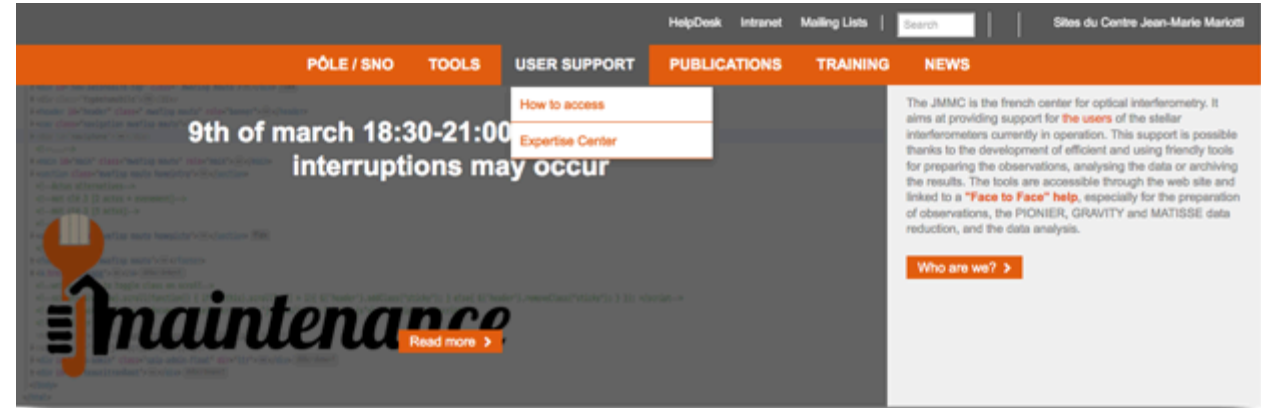
JMMC = OI support Service

Axis 2

- "face to face" user support – *Pl. A. Matter*
one of the european VLTI-EC

what's new:

- estimation of VLTI archived data quality with other VLTI-EC
→OIDB enrichment





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Axis 3

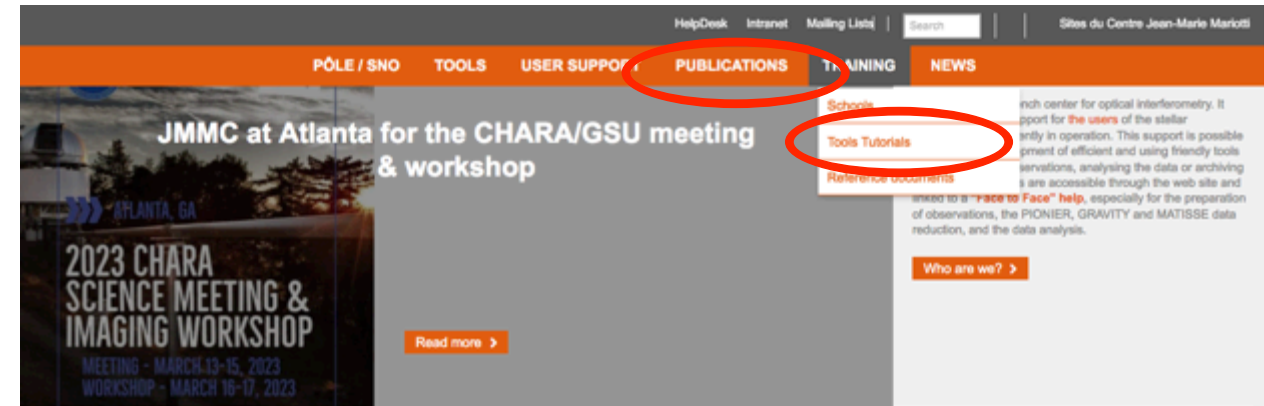
- communication / information
 - participation in OI meetings & workshops
 - updates of online software documentation

what's new

- first short filmed tutorials - *M. Benisty*
- management of data bases useful for OI (JSDC, JMDC catalogues, OI DB, Olbin Publications DB)

what's new

- improvements in Olbin Publications DataBase (tag list update, target tag, SAM papers, metrics tools via github) - *A. Chelli*



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Database of Publications in Stellar Optical Interferometry

Quick index for papers: [Pre-2013](#) | [2014](#) | [2015](#) | [2016](#) | [2017](#) | [2018](#) | [2019](#) | [2020](#) | [2021](#) | [2022](#) | [2023](#) |

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

If your keyword is not completely known, use the wildcards % or _ for replacing any number of characters or only one respectively.

Select the tag checkbox(es) you want for your search.

To list onto ADS papers with a single Tag, click on the Tag name.

OR AND

[Tag List](#)

to be evolve with time

MainCategory (1819)	Facility (1513)	Instrument (985)	Astrophysical topic (1671)	Wavelength (1305)	Spectral Resolution (676)	Technique (1416)
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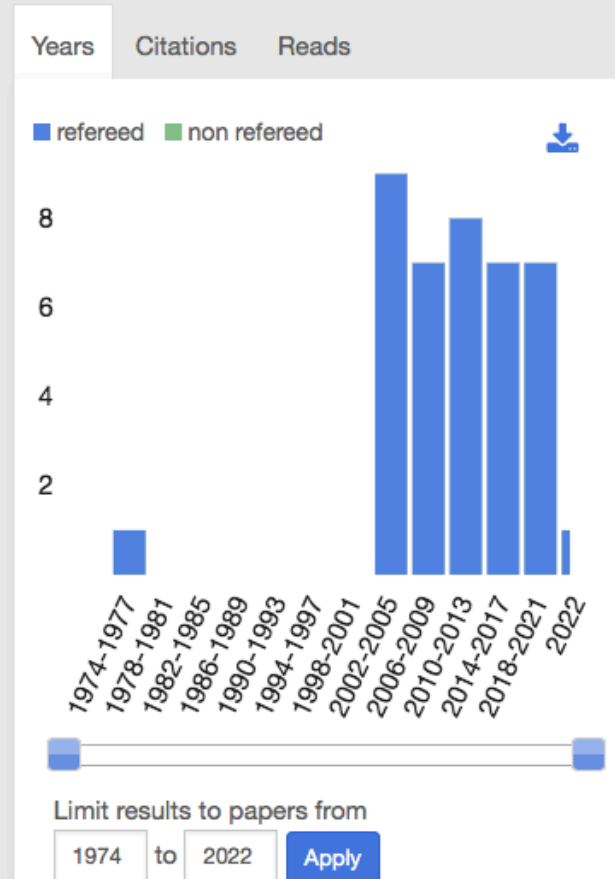
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- 1 ☐ 2022AJ....163...19R 2022/01 cited: 3
EXPRES. III. Revealing the Stellar Activity Radial Velocity Signature of ϵ Eridani with Photometry and Interferometry
 Roettenbacher, Rachael M.; Cabot, Samuel H. C.; Fischer, Debra A. *and 20 more*
- 2 ☐ 2020AJ....160..210W 2020/11
Exoplanet Sciences with Nulling Interferometers and a Single-mode Fiber-fed Spectrograph
 Wang, Ji; Jurgenson, Colby
- 3 ☐ 2020MNRAS.497.1143R 2020/09 cited: 7
Dust size and spatial distributions in debris discs: predictions for exozodiacal dust dragged in from an exo-Kuiper belt
 Rigley, Jessica K.; Wyatt, Mark C.
- 4 ☐ 2020MNRAS.493.2377R 2020/04 cited: 11
Precision angular diameters for 16 southern stars with VLT/PIONIER
 Rains, Adam D.; Ireland, Michael J.; White, Timothy R. *and 2 more*
- 5 ☐ 2020AJ....159..177E 2020/04 cited: 62
The HOSTS Survey for Exozodiacal Dust: Observational Results from the
 Ertel, S.; Defrère, D.; Hinz, P. *and 43 more*

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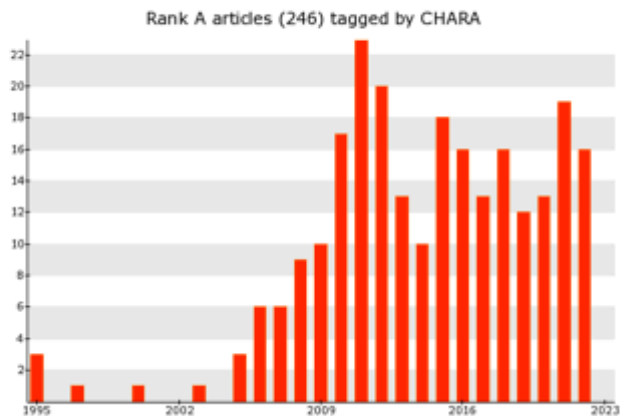




Graphics to provide some metrics

Histograms and other Graphics

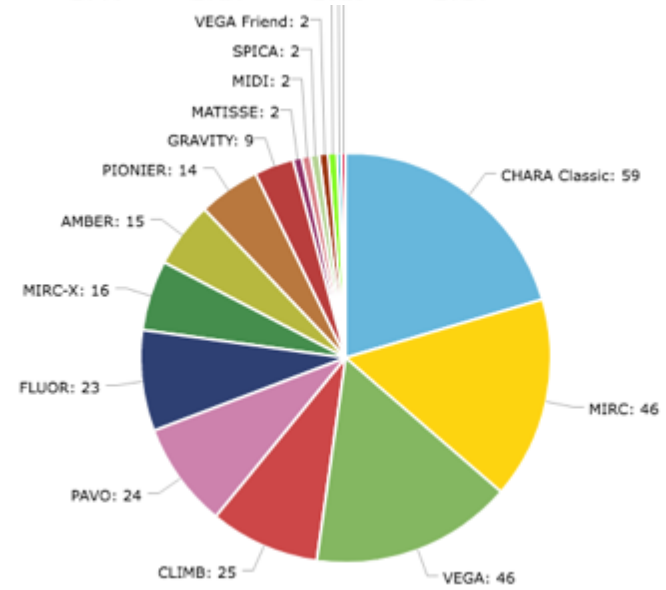
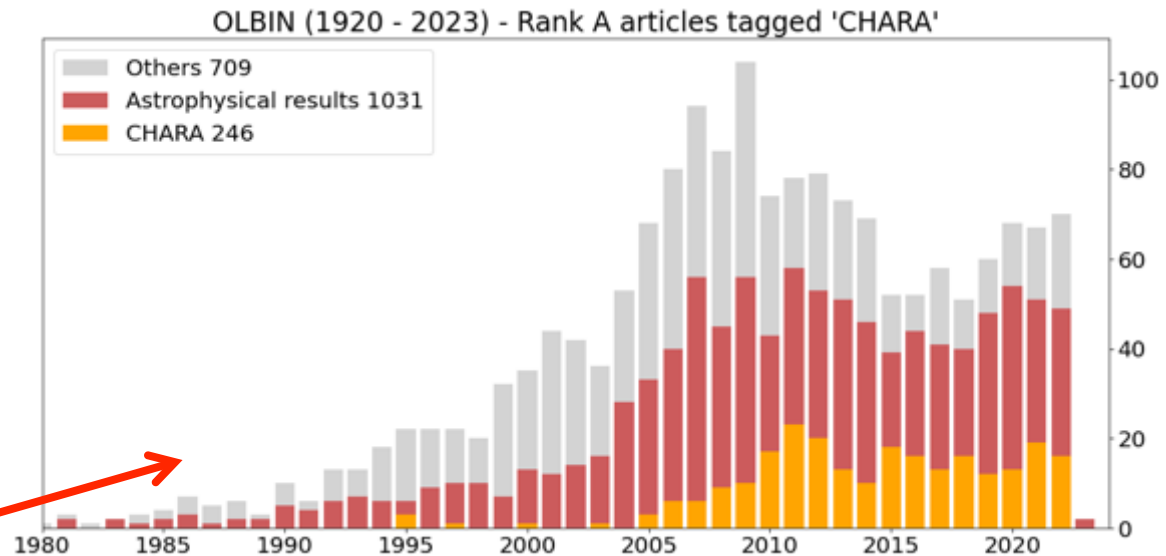
Series of automatic displays that illustrate the current content of the database.



To get new plots, please select the data below :

CHARA or Select category for pie plot.

Other graphics are provided by external tools for visualizing the distribution of the publications over different criteria:



<https://github.com/JMMC-OpenDev/jmmc-python-snippets/blob/main/olbin-pubs.ipynb>



JMMC = OI Support Service

works well only if:

- feedbacks from the Users community
 - via Forms, OI meetings → **we need you**
 - enough human resources
 - to-day: ~ 3.3 FTE among 4 observatories
 - ~ 12 researchers & 2 engineers & 0.3 FTC working at partial time → **we need more**
 - strong connection with the OI Research
 - knowledge of the OI projects to anticipate the future functionalities: necessity
 - be involved in Research Projects, with deliverables for the community: strong wish
- means to have supplementary human resources

Welcome onto the JMMC User Feedback Form !

(* : required field)

Application:

Type:

Your Email *:

Summary *:

Comments *:

Version:

• [Main JMMC website](#)

or mail to jmmc-user-support@jmmc.fr

→ **collaborative projects with CHARA teams?**