

The JMMC: a Service for current and future optical interferometers
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The Jean-Marie Mariotti Center or JMMC is the "Pôle Thématique National" for optical interferometric data. It develops software to facilitate the use of optical interferometers open to the community, namely the VLTI/ESO and CHARA/GSU arrays, and thus helps maximize the exploitation of their current instruments (e.g. PIONIER, MATISSE and GRAVITY on the VLTI side or SPICA, MIRCX-MYSTIC on the CHARA side) and prepare for the arrival of future instruments or instrumental modes (e.g. GRAVITY+, ASGARD). Alongside the delivery of the tools, it provides a "Face to Face" Users support .

The poster will present the main software tools needed to prepare observations, visualize simulated or real interferometric data and filter them, analyse the reduced data and finally archive them on a database. All tools take advantage of interoperability using the Virtual Observatory standards and protocols, which is the main feature and strength of JMMC developments. Alongside these developments, the JMMC participates in promoting optical interferometry in general, by contributing to international workshops for students or beginners in interferometry and providing filmed courses and tutorials. It also manages an interactive database of refereed publications in the field referenced in ADS, as will also be described in the poster.