

Apertif-LOFAR Collaboration Agreement (v2.2.1)

Definitions

- An “Apertif Participant” is an Apertif participant following the Apertif Participant and Data Usage
- The “LSKSP” refers to the LOFAR Surveys Key Science Project.
- An “LSKSP member” is a member of the LSKSP collaboration.
- The Apertif Survey Executive (ASE) is the body that oversees Apertif policy
- The Core Team (CT) is the body that steers the LSKSP.
- The LSKSP is organized into working groups (WGs).

Reference Documents

- The Apertif Publication Policy (version 1.0; https://apertifwiki.astron.nl/lib/exe/fetch.php?media=wiki:docs:apertif_publication_policy.pdf)
- The Apertif Participant and Data Usage Policy (version 1.0; https://apertifwiki.astron.nl/lib/exe/fetch.php?media=wiki:docs:apertif_data_policy.pdf)
- LOFAR Surveys Policy Document (version 5 ; <https://lofar-surveys.org/public/lkppoliciesv5.0.pdf>)

Considerations

Apertif is an innovative focal-plane array system on the Westerbork Synthesis Radio Telescope that is carrying out wide-field imaging surveys between 1130-1430 MHz. LOFAR is a low frequency radio array centered in the Netherlands. The LOFAR Surveys are observing at frequencies below 250 MHz. Given the common sky coverage and reasonably well-matched sensitivities and resolutions, it is natural to combine the data from the two surveys to have almost two decades of frequency coverage to study radio sources.

The intention of this document is to define a clear and simple relationship between the Apertif imaging surveys and the LSKSP that optimizes the scientific usage of both and benefits and protects both parties.

Terms of the Collaboration Agreement

1. Any person who is both an Apertif participant and a member of the LSKSP has access to proprietary data from both surveys.
 - a. LSKSP members who can contribute their expertise to the Apertif imaging surveys are encouraged to do so and become Apertif participants, following the Apertif Participant and Data Usage Policy
 - b. Apertif participants who are interested in joint Apertif-LSKSP projects are encouraged to join the LSKSP, following the LOFAR Surveys Policy Document
2. A LSKSP member may request the status of Apertif “External Collaborator” as defined in Section 2.2.3 of the Apertif Participant and Data Usage Policy in order to carry out a joint Apertif-LOFAR project with proprietary Apertif imaging data.

- a. Raffaella Morganti will serve as a liaison for identifying a sponsor for this request to the ASE.
 - b. The Apertif participant who serves as a sponsor is responsible for ensuring Apertif policy is adhered to.
3. An Apertif participant may propose a joint Apertif-LOFAR project to the relevant LSKSP WG lead in order to use proprietary LSKSP data.
 - a. The list of LSKSP WGs and chairs is available in the LOFAR Surveys policy document.
4. It is expected that joint Apertif-LOFAR projects will receive approval from the ASE and CT.
5. For projects and papers, the policies and authorship of both Apertif and the LSKSP apply, even if data becomes public before the project is finished.
 - a. Publications must be listed on the LOFAR wiki page to allow author signup following LSKSP policies
 - b. Publications must be listed on the Apertif publication wiki, and emailed to the Apertif builders list for author signup.
6. Any proprietary data products produced from joint Apertif-LOFAR projects are subject to the policies above.
7. Any conflicts will be jointly mediated by the ASE and CT.
8. This agreement may be reviewed periodically at the discretion of the ASE or CT