

International stations

LOFAR attracts a growing community that also would like to contribute to the LOFAR adventure. This is the general information page for the (potential) international partners of LOFAR.

General Information - Site Requirements

A document has been drafted detailing the site requirements, the placement and the layout of a LOFAR station on an LOFAR site in countries outside the Netherlands (stations in the Netherlands have a different layout). This document tries to address a lot of questions that we are frequently asked.

- [International Site Requirement Document](#) (living document, last update November 25, 2008)
- [Requirements crane for field positioning of the HBA tiles](#)
- [HBA anchor installation guide](#)
- [International LOFAR station network description](#) (last update September 30, 2008)
- [LOFAR Container specification](#)

If you have more questions, you would like to visit us or you would like us to visit you, please contact Corina Vogt (vogt<at>astron.nl)

International partners

At the moment, there are the following countries planning to add station to LOFAR or have them already funded:

- Germany - Five stations funded and completed (Effelsberg, Garching, Potsdam, Tautenburg, Juelich), one more planned (Hamburg).
- UK - One station funded and completed (Chilbolton); Three more planned
- France - One station funded and completed (Nancay); Super station planned
- Sweden - One station funded and completed (Onsala)
- Finland - One prototype-station funded and completed (Kilpisjärvi) for ESICAT testing
- Poland - Three stations funded and completed (Lazy near Krakow, Baldy near Olsztyn, Borowiec near Poznan)
- Austria/Ukraine - One station planned
- Italy - One station planned
- Ireland - One station planned

On Google Maps that looks like (*green*: funded station, *yellow*: funded but no place found yet, *red*: planned station):



On the uv-plane this looks like:



Contact

At the various countries that are already involved in LOFAR, consortia exist. The contact details for the people in these countries being involved in LOFAR can be found below:

- Netherlands:
- Germany: **German Long Wavelength Consortium (GLOW)**
 - Web home: <http://blogger.astro.rub.de/glow>
 - As of 2008 May 06:
 - Chair: Ralf-Juergen Dettmar (dettmar<at>astro.rub.de)
 - Vice-chair: Marcus Brueggen (m.brueggen<at>jacobs-university.de)
 - **Secretary**: Matthias Hoef(hoef<at>tls-tautenburg.de)
 - Technical Working Group Chair: N.A.
 - Scientific Working Group Chair: Benedetta Ciardi (ciardi<at>mpa-garching.mpg.de)
 - KSP Contact List
 - EoR: Benedetta Ciardi (ciardi<at>mpa-garching.mpg.de)
 - Surveys: Marcus Brueggen (m.brueggen<at>jacobs-university.de)
 - Transients: Jochen Eisloffel (jochen<at>tls-tautenburg.de)
 - Cosmic Rays: ???
 - Cosmic Magnetism: Rainer Beck (PI) (rbeck<at>mpifr-bonn.mpg.de)
 - Solar: Gottfried Mann (PI) (GMann<at>aip.de)

- ARC Representatives
 - Rainer Beck (rbeck<at>mpifr-bonn.mpg.de)
 - Benedetta Ciardi, alternate (ciardi<at>mpa-garching.mpg.de)
- LOFAR TWG Representatives
 - (is this outdated?)
 - Christian Vocks, Solar KSP, (vocks<at>aip.de)
- LAD Representatives
 - Rainer Beck, Magnetism KSP, (rbeck<at>mpifr-bonn.mpg.de)
 - Christian Vocks, Solar KSP, (vocks<at>aip.de)
 - Gottfried Mann, alternate, Magnetism KSP, (GMann<at>aip.de)
- Station Contact List
 - DE601 (Effelsberg) Andreas Horneffer (lofar-ops<at>mpifr-bonn.mpg.de)
 - DE602 (Garching) Benedetta Ciardi (ciardi<at>mpa-garching.mpg.de)
 - DE603 (Tautenburg) Jochen Eisloeffel (jochen<at>tls-tautenburg.de)
 - DE604 (Potsdam) Gottfried Mann (PI) (GMann<at>aip.de)
 - DE605 (Juelich) Marcus Brueggen (m.brueggen<at>jacobs-university.de)
- UK:
 - LOFAR-UK is a consortium of 23 partner universities and research laboratories.
 - Project leaders: Philip Best (UK-ATC, current chairman)
 - Web home: <http://www.lofar-uk.org>
 - Station Contact List
 - UK608 (Chilbolton) (lofar-obs<at>stfc.ac.uk)
- France:
 - Station Contact List
 - FR606 (Nancay) Jean-Mathias Griessmeier (jean-mathias.griessmeier<at>cnrs-orleans.fr)
- Sweden:
 - The Swedish LOFAR station at Onsala is owned and operated by Onsala Space Observatory. The LOFAR-Sweden consortium consists of individual members at Swedish universities and research institutes.
 - Web home: <http://www.lofar-se.org>
- Poland:
- Italy:
- Austria/Ukraine:
- Ireland
 - Proposal stage only.
 - Web home: <http://www.lofar.ie/>
- Finland
 - KAIRA (Kilpisjärvi Atmospheric Imaging Receiver Array)
 - Organisation: Sodankylä Geophysical Observatory
 - Web home: <http://www.sgo.fi/KAIRA>
 - Station Contact List
 - KAIRA (Kilpisjärvi) Project Team (karia<at>sgo.fi)

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Last update: **2019-08-28 21:22**

