

Second Announcement:

Fourth LOFAR Data Processing School

<http://www.astron.nl/lofarschool2016/>

lofarschool@astron.nl

REGISTRATION IS NOW OPEN

The Fourth LOFAR Data Processing School will take place at ASTRON in Dwingeloo (The Netherlands), in the week of **5-9 September 2016**.

RATIONALE

The aim of this School is to introduce the LOFAR system to new members of the collaboration who will analyze Cycle data. Students, postdocs, and staff are all encouraged to attend. The School will cover the many aspects of the LOFAR system from the capabilities of the basic station hardware to the software pipelines and science products they produce. Lectures and tutorials will be presented by members of the LOFAR project team as well as staff from the many institutions involved in the collaboration. Hands-on sessions will also be provided to give attendees an opportunity to gain experience with real LOFAR data.

INFORMATION FOR THE PARTICIPANTS

Presentations will be given at a level appropriate for someone new to LOFAR. Familiarity with the concepts of radio interferometry and standard data processing software such as CASA, will be useful, but not required. Minimum requirements should include some familiarity with scripting languages and in particular Python.

Participants are expected to bring fairly recent Linux or MAC o/s laptops with tens of GB of disk space.

Attendance will be limited to approximately 40 people. While initial preference will be given to applicants from teams with accepted Cycle projects, space will also be reserved for applicants from the general astronomical community. *Therefore all potential LOFAR users are encouraged to apply.*

VENUE AND REGISTRATION

The school will be hosted by ASTRON (Dwingeloo). The participants will be accommodated at the nearby Fletcher [hotel De Borken](#), where *they should make their own reservation and also pay for the accommodation themselves*. Details on how to make the hotel reservation will be circulated at a later stage. *We expect the participants to arrive on Sunday 4 and depart on Friday 9 September.*

A registration fee of 150 Euro is requested, which will cover a welcoming reception, coffee/tea/lunches during the 5 days of the school, the School dinner on Monday evening, the visit to the LOFAR core, and a shuttle bus service between ASTRON and the railway station on 4 and 9 September.

Food restrictions and dietary requirements can be specified at the moment of the registration. In exceptional cases, financial support may be available. In case you need financial support, we ask you to contact us at lofarschool@astron.nl.

Note that registration to the School is limited to approximately 40 participants. In case you are interested in attending the school, we encourage you to proceed with the online registration as soon as possible:

<http://www.astron.nl/lofarschool2016/registration.php>

The deadline for the registration is **1 June**.

Please note that registration does not imply that you will be able to participate in the data school. Your registration will be confirmed with a formal e-mail in the first week of June. In that e-mail, we will also provide you with the details on how to pay the registration fee and how to book your accommodation. This will give you sufficient time to plan your travel.

See you in Dwingeloo,

The LOFAR School LOC

LOC: R. Pizzo (co-chair), E. Orru' (co-chair), L. Elpenhof, F. Möller, A. Shulevski, M. Tibbe