

The Broad Impact of Low Frequency Observing

2017 June 19-23, Bologna - Italy

LOFAR, the most versatile and powerful low frequency radio observatory available, will complete the first five years of general user observing in 2017. A host of other low-frequency facilities, including the MWA, LWA, GMRT, VLITE, PAPER, CHIME, and 21CMA, are also impacting a wide range of research fields. Intensive preparations are under way for the SKA-low.

Thus, this will be an appropriate time to review major recent achievements and results at low radio frequencies in their broader scientific context. In 2017 June 19-23 a conference on The Broad Impact of Low Frequency Observing will be held in the attractive Italian city of Bologna, hosted by INAF with support from the International LOFAR Telescope.

The conference will explore relevant links to some of the main complementary facilities including ALMA, the VLA, and VLBI networks in the radio, as well as some of the worlds major observatories at other wavebands. In typical fashion, there will be invited as well as contributed talks and posters. Participants will obtain a good overview of the versatility and state-of-the-art technical capabilities available at low frequencies, and of the planned upgrades to LOFAR and the other current facilities, looking ahead also to how these will complement the SKA-low in the years to come.

Further information on registration and on the program will follow in due course. Meanwhile, mark your calendars: the conference will take place in Bologna, Italy, in the week of 2017 June 19-23.

Best regards,

Rene Vermeulen,

Director International LOFAR Telescope