

## **Interplanetary Scintillation Measurements with LOFAR: Progress so far**

The LOw Frequency ARray (LOFAR) is a new array of radio telescopes centred on the Netherlands with additional stations across Europe. Designed to operate at frequencies from 10 to 250MHz, it is one of a new generation of “software telescopes”. Currently, it is in the latter stages of the commissioning phase and a wide variety of scientific experiments are in testing mode. Measurement of interplanetary scintillation (IPS) with this system should be a relatively straightforward mode to implement, but challenges are posed by the rate of data collected and the radio environment in which LOFAR sits. This paper will give a brief overview of the LOFAR and describe the current stage of development of the IPS mode of operation.

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