

## RadioNet support for scientific events

### Application form for organisers

EVENT INFORMATION	
TITLE	LOFAR4SW User Workshop
PLACE	Warsaw, Poland <i>Information about workshop will be placed on the project website: lofar4sw.eu</i>
ORGANISER'S INSTITUTE NAME	Centrum Badań Kosmicznych Polskiej Akademii Nauk Barbara Matyjasiak bmatyjasiak@cbk.waw.pl
DATE	6-7.11.2019
NO. OF PARTICIPANTS	30
TOTAL EVENT COST	5200 EUR
RADIONET SUPPORT	2160 EUR
OTHER SOURCES OF FUNDING	Research and Innovation action: LOFAR4SW — H2020 — 777442
REQUEST <i>(max. 2 pages)</i>	
Short abstract of the event	<p>LOFAR for Space Weather (LOFAR4SW) is a design study that addresses all conceptual and technical aspects required to upgrade the LOFAR radio telescope, system-wide, to take on a parallel role as a highly innovative new facility that enables large-scale monitoring projects generating unique data for the European (and worldwide) space weather research community, with great downstream potential for improved precision and advance warning of space weather events affecting crucial infrastructures on earth. The LOFAR4SW facility will be a powerful research infrastructure that will allow scientists to answer many important questions with regard to the solar corona, the heliosphere, and Earth's ionosphere.</p> <p>The aim of the Users Workshop is to inform prospective users about the LOFAR4SW mid and long-term outcomes of the project and to find a common ground for the future exploitation of the results. This will be the basis for the future plan to implement the designed LOFAR4SW infrastructure. The selected representatives from different areas of the space weather community: science, services and industry, will have a unique possibility to express their interest in the specific scientific areas explored within the project. The collected feedback from the workshop will help to prioritise the designed project products and operational modes, taking into account the interest of the space weather community.</p>

<p>Relevance for RadioNet</p>	<p>The workshop is organised in the frame of the H2020 project LOFAR4SW which is dedicated to design an upgrade to LOFAR, a RadioNet facility. LOFAR is one of the most well-known radio telescopes which capabilities have been shown in recent years, abounding in the development of high-level science, not limited only to the astronomy. The event will include specialists from different disciplines in the space weather arena, in order to work together on the scientific and technical aspects of upgrading and optimizing LOFAR to serve the highest needs.</p>
<p>Impact on RadioNet</p>	<p>The planned workshop will be a major milestone on the way of a successful completion of the LOFAR4SW project. It will give the opportunity to specialists from different fields of space weather research to help make the LOFAR4SW design the most adapted to support the development of space weather science and services.</p> <p>Space weather science and forecasting has a great impact in modern society. The upgrade to the LOFAR interferometer infrastructure will allow to explore space weather science at a new level, and to produce data products that will be used in both, space weather services and modelling. The LOFAR4SW project will give an opportunity to enrich the RadioNet community by experts from the space weather research field and make possible cross-disciplinary scientific projects.</p>
<p>Use of the RadioNet contribution</p>	<p>The requested support will mainly cover the travel expenses of selected specialists from the space weather community, who are not involved in the project. It is crucial for the success of the workshop to invite experts well-acquainted with the needs of the different areas of space weather, in order to meet the expectations of future LOFAR4SW users and to fit into the existing or planned future services.</p> <p>We expect to cover the travel expenses for 3 people. The costs per person will include:</p> <p>Estimated costs of flights ~ 350 EUR</p> <p>Estimated costs of hotels (for 2 nights) ~ 2x 85 EUR</p> <p>Estimated costs of daily expenses (2 days) ~ 2x 40 EUR (meals, city transport)</p> <p>Estimated cost per one person: 600 EUR. Total cost per 3 people: <b>1800 EUR</b>.</p> <p>Additionally we apply for the support for lunches during the workshop. We are planning to have lunches on each of the two days. Estimated cost of a single meal for one person is 6 EUR. This gives a total cost of <b>360 EUR</b> for 30 people for two days.</p> <p>We request funding to cover the travel expenses for 3 specialists and funding for lunches, with a total estimated cost of: <b>2160 EUR</b>.</p>
<p>Ethics</p>	<p>The workshop organisers are committed to provide a discrimination and harassment-free meeting experience for everyone, regardless of gender, gender identity and expression, age, sexual orientation, disability, physical appearance,</p>

body size, race, ethnicity, religion (or lack thereof), or technology choices. Any form of discrimination and harassment by any of the workshop participants and by any mean, will not be tolerated. Conference participants violating these rules may be sanctioned or expelled from the workshop without a refund at the discretion of the conference organisers.

The workshop participation will be on invitation. Participants will be invited based on their expertise and scope of workshop.

**Privacy Policy:** With signing this template and applying for RadioNet funding, I accept the Privacy Policy of RadioNet, which is based on the EU General Data Protection Regulation (GDPR).

Place & Date:

Warsaw, 01.07.19.

Signature of the applicant:

Platynosiak