

# RadioNet support for organisers of training events

## Application form

EVENT INFORMATION	
TITLE	EXPLOITING ARCHIVES FOR RADIO ASTRONOMY IN THE SKA-ERA
PLACE	LISBON
ORGANISER'S INSTITUTE NAME	PORTUGUESE ALMA CENTER OF EXPERTISE (PACE) – INSTITUTE OF ASTRONOMY (FCUL). CIRO: CIRO@OAL.UL.PT
DATE	SPRING 2020
NO. OF PARTICIPANTS	~20
TOTAL EVENT COST	5000 EURO
OTHER SOURCES OF FUNDING	FCUL LOGISTICS
<b>REQUEST</b> (max. 2 pages)	
Requested contribution	5000 EURO
Use of the RadioNet contribution	<p>The RadioNet contribution to the workshop will cover the event hall, the coffee breaks, and the social dinner. We expect approximately 20 participants, mostly young PhDs and PostDocs, from different European countries, with a predominance of researchers from Portugal and Spain. In the budget are included the support for travel and accommodation for 4-5 students, and 3-4 invited speakers from the INAF of Bologna and the University of Manchester, both Institutes at the forefront of archive development and management. The overall budget for all the event is estimated in 5000 euro.</p> <p>The event will contribute to the RadioNet goals in many aspects:</p> <ul style="list-style-type: none"> <li>- Portugal hosts since 2014 an Alma Center of Expertise (PACE), becoming officially part of the Alma Support Structure. One the goal of PACE is to grow in Portugal a community of radio-astronomer, to maximize the performance of existing radio telescope facilities across Europe.</li> <li>- A training event to introduce the different archive databases available in radioastronomy involving members of the RadioNet consortium is at this stage mandatory to maximize the outcomes from the huge data publicly available within the scientific community.</li> <li>- Radio community in Portugal is growing, and this workshop will encourage new astronomers to learn the skills necessary to pursue scientific investigations at radio frequencies.</li> <li>- At present, various projects involving students from the faculty of Sciences of the University of Lisbon and researchers of the Institute of Astronomy are investigating the potential of radio-astronomical Archive, considering EVN, JIVE, and LOFAR. The future set up of e-MERLIN and the new version of the ALMA archives to be soon released, raised interest within the Portuguese community in such publicly available tools. The proposed workshop will accelerate this process, triggering the use of archival data from the different radio astronomical facilities across Europe.</li> </ul>

Impact of training	<p>One of the main goals of PACE is to grow within the Portuguese astronomers, a community of scientist pursuing research at radio frequencies. This goal has been partly achieved along the year, with a larger and larger fraction of researchers involved in ALMA proposals, or using data from the archive.</p> <p>However, in the perspective of attracting new scientists, above all within young researchers, a training event with experts from the University of Manchester and the INAF of Bologna can trigger the interest in the topic, encouraging the use of the different available tools, and assuring a high impact for the event.</p>
Accessibility	<p>There will not be any selections criteria for the participation, as one the main goal of the event is to accelerate the use of archive in radio astronomy within Portugal and the countries abroad.</p> <p>Particular attention will be given to the applications from young PhDs from under-represented countries, whose the expenses for room and travel will be totally refunded.</p>
Ethics	<p>We will carefully check gender inequalities within the final participants' list, pushing our community for a higher women participation.</p>
<p><b>Privacy Policy:</b> With signing this template and applying for RadioNet funding, I accept the <u>Privacy Policy of RadioNet</u>, which is based on the EU General Data Protection Regulation (GDPR).</p>	
Place & Date:	Signature of the applicant:
Lisbon 01/07/19	Cirino Pappalardo 