

RadioNet support for scientific events

Application form for organisers

EVENT INFORMATION	
TITLE	The HI/Story of the Nearby Universe (http://www.astro.rug.nl/~historynu)
PLACE	Groningen (2 days) and ASTRON (1 day)
ORGANISER'S INSTITUTE NAME	Kapteyn Astronomical Institute, University of Groningen Landleven 12, 9747AD Groningen, The Netherlands
DATE	10 – 12 September 2018
NO. OF PARTICIPANTS	80
TOTAL EVENT COST	€ 21000
RADIONET SUPPORT	€ 2000
OTHER SOURCES OF FUNDING	€ 1000 ASTRON, € 1000 Kapteyn Institute, € 500 Leids Kerkhoven Bosscha Fund, € 4000 KNAW
REQUEST	
<i>(max. 2 pages)</i>	
Short abstract of the event	The Kapteyn Astronomical Institute (University of Groningen, the Netherlands) organises a three day workshop focusing on the state of our understanding of galaxy evolution, with an emphasis on the role of neutral hydrogen. In addition, it will focus on the use of neutral hydrogen observations to probe the relevant physical processes (including gas accretion and removal) and the particular advantage blind surveys have in determining the role of neutral, ionised and molecular gas in galaxy evolution. This workshop also aims to discuss the various observational and analysis methods that are required to fully explore the data expected from forthcoming large surveys such as carried out with Apertif and made available via ALTA, the Apertif Long Term Archive.
Relevance for RadioNet	The conference will focus on the scientific relevance of large area radio surveys in spectral line and continuum to be carried out with SKA Pathfinder instruments such as Apertif on the WSRT, ASKAP and MeerKAT. In addition to the science the conference will also address the importance of simulations and ancillary data for the interpretation of the survey data. Even more important is the quality and accessibility of the data through archives such as the Apertif Long term Archive ALTA, under development with RadioNet support. The conference will also summarise what requirements for such an archive follow from the perceived science exploitation of future radio surveys in order to maximise the scientific return of the planned surveys. In addition we expect many young scientists to participate in this meeting, so that the material presented and discussed will contribute to their education. We consider this a very important aspect of such a meeting as they will be the prime users of the survey data and in the more distant future the data forthcoming from the SKA. The Pathfinder survey and associated facilities are an ideal opportunity to train experienced SKA users.
Impact on RadioNet	The main impact on RadioNet is twofold: (i) the workshop is expected to disseminate knowledge on how to exploit optimally the data from the new surveys so that the best science is extracted and an important aspect is conveying this to young scientists; and (ii) informing the users of the role of archives such as ALTA for scientific exploitation of

	<p>the survey data and setting requirements for the archives that enhance their scientific potential. Ideally the archives are the telescopes of the future as they harbour a record of the sky at radio wavelengths of interest.</p> <p>ALTA and the WSRT are managed by ASTRON, an important RadioNet Institute.</p>
Use of the RadioNet contribution	<p>The RadioNet contribution will be used to support participants (meals and logistical costs), as follows:</p> <ul style="list-style-type: none"> (i) support for meals € 1200 (ii) excursion to the WSRT and other logistical cost € 800 <p>The overall budget of € 21000 is as follows:</p> <ul style="list-style-type: none"> (a) welcoming reception € 2000 (b) coffee and lunch breaks € 3400 (c) conference room € 800 (d) transport to ASTRON and WSRT € 800 (e) conference dinner € 5000 (f) support for invited speakers € 9000
Ethics	<p>The conference is dedicated to providing a harassment-free experience for everyone, regardless of gender, sexual orientation, disability, physical appearance, body size, race, nationality, or religion. We do not tolerate harassment of participants in any form. We published a clear code of conduct on our website (http://www.astro.rug.nl/~historynu), so all participants are aware of this.</p>
<p>Privacy Policy: <i>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).</i></p>	
Place & Date:	Signature of the applicant:
Groningen, 28 June 2018 _____	 _____