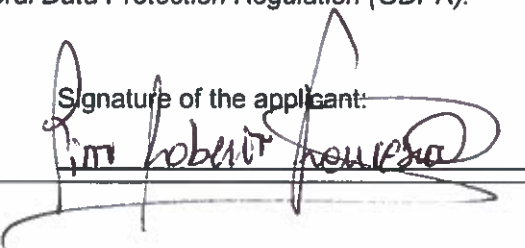


# RadioNet support for scientific events

## Application form for organisers

EVENT INFORMATION	
TITLE	ADASS (Astronomical Data Analysis Software & Systems) conference 2019
PLACE	MatiniPlaza - Groningen - <a href="http://www.adass2019.nl">www.adass2019.nl</a>
ORGANISER'S INSTITUTE NAME	<p>The organization of the conference is lead by ASTRON, but involves 6 more Dutch institutes:</p> <ol style="list-style-type: none"> <li>1. ASTRON (Netherlands Institute for Radioastronomy)</li> <li>2. JIVE – Joint Institute for VLBI ERIC</li> <li>3. ALMA ARC Leiden – ALMA Regional Center   Allegro</li> <li>4. RUG – University of Groningen</li> <li>5. Leiden University</li> <li>6. RU - University of Nijmegen</li> <li>7. UvA – University of Amsterdam</li> </ol> <p>Main organizer: R. Pizzo (<a href="mailto:pizzo@astron.nl">pizzo@astron.nl</a>)</p>
DATE	6-10 October 2019
NO. OF PARTICIPANTS	~ 300
TOTAL EVENT COST	137 000 euro
RADIONET SUPPORT	5 000 euro
OTHER SOURCES OF FUNDING	<p>At the moment, we have secured the following funding sources:</p> <ol style="list-style-type: none"> <li>1. Organizing institutes – 20 000 euro</li> <li>2. Province of Groningen – 5 000 euro</li> </ol> <p>The amount of the registration fee will depend on the total amount of funding we will be able to secure. In this respect, the RadioNet contribution will be very important as it will help us to make the conference accessible to a wider and young audience.</p>
REQUEST (max. 2 pages)	
Short abstract of the event	<p>The Astronomical Data Analysis Software and Systems (ADASS) conference is the premier conference for the exchange of information about astronomical software, and it is organized each year by a different hosting astronomical institution, at a different location. The conference provides a forum for astronomers, software engineers, and data specialists from around the world to discuss software and algorithms as used in all aspects of astronomy, from telescope operations, to data reduction, to outreach and education. In addition to presenting their work, delegates engage in discussions on emerging technologies and debate future directions in areas such as common data formats, software reuse and data dissemination. As such, ADASS is a vital mechanism to foster discussion for the advancement of the field.</p> <p>The ADASS Conference Series was initiated in 1991. Since that time, the conference has been held annually. A different host institution is selected each year to encourage broad participation by the community. Hosting institutions have been located in the</p>

	<p>USA, Canada, France, Germany, Spain, UK, Japan, Australia, Italy, and Chile. The Netherlands will host ADASS in 2019.</p> <p>In addition to invited talks, contributed talks and poster papers, an important feature of ADASS are the informal workshops and discussions (known as Birds-of-a-Feather — BOF sessions) which cover a wide range of topics, including emerging technologies, data formats, sharing and publication of code. ADASS also hosts tutorials and demonstrations. An overview of the first 20 years of ADASS was published as the special ASP monograph volume "Twenty Years of ADASS" (2013 ASP Conf. Ser. Mon. 6, ed. I. E. Evans), which gives a more complete history of the ADASS conference series and its impact on astronomy. The composition of the POC (Programme Organizing Committee) and of the LOC (Local Organizing Committee) is reported below.</p> <p><u>POC:</u> Nuria Lorente, Chair (AAO), Alice Allen (ASCL/UMD), Christophe Arviset (ESA-ESAC), Pascal Ballester - POC Exec (ESO), Sebastien Derriere (CDS/France), Kimberly DuPrie (STScI), Mike Fitzpatrick - POC Exec (NOAO), Stephen Gwyn (CADC), Jorge Ibsen (ALMA), Kathleen Labrie (Gemini), Mark Lacy (NRAO), Jim Lewis (IoA), Jessica Mink (SAO), Fabio Pasian (INAF), Roberto Pizzo (ASTRON), Keith Shortridge - POC Exec (K&amp;V), Tadamaki Takata (NAOJ), Peter Teuben (UMD), Xiuqin Wu (IPAC).</p> <p><u>LOC:</u> Roberto Pizzo, Chair (ASTRON), Marjan Tibbe (ASTRON), Liesbet Elpenhof (ASTRON), Emanuela Orru' (ASTRON), Jan David Mol (ASTRON), Yan Grange (ASTRON), Tammo Jan Dijkema (ASTRON), Arpad Szomoru (JIVE), Harro Verkouter (JIVE), Remo Tilanus (ALMA ARC), Gijs Verdoes Kleijn (Kapteyn Institute), Erik Deul (Leiden University), Steven Bloemen (RU Nijmegen), Antonia Rowlinson (UvA).</p>
Relevance for RadioNet	<p>ADASS is very much in line with the RadioNet goals. It provides a unique forum to astronomers, data scientists, and software developers to advance astronomical data analysis tools and techniques for the scientific exploitation and handling of astronomical data in all bands of the electromagnetic spectrum, from radio to X-ray. In this respect, it can be considered the <i>premier</i> event of this kind and of this size taking place yearly for the astronomical community. The event is not only cross-disciplinary because of its multi-wavelength nature, but also because it discusses topics pertinent to various areas of data science, such as</p> <ul style="list-style-type: none"> <li>• Machine Learning in Astronomy,</li> <li>• Astrophysical Data Visualization,</li> <li>• Data science: Workflows, Hardware, Software, Humanware</li> <li>• Science Platforms: Tools for Data</li> <li>• Multi-Messenger Astronomy</li> <li>• Databases and Archives: Challenges and Solutions in the Big Data Era</li> <li>• Quality Assurance of Science Data</li> <li>• Low-frequency radio data calibration/imaging</li> <li>• Open data access/provisioning</li> <li>• Data processing pipelines</li> </ul> <p>All these topics are entirely relevant to the RadioNet facilities and the conference will with no doubt favour their further development. In particular, ADASS2019 will be a crucial and very timely opportunity for the LOFAR and ALTA communities to present e.g. the most recent developments and challenges in handling and scientifically exploit big data in preparation for SKA.</p>
Impact on RadioNet	<p>Given its rationale, ADASS2019 will significantly contribute to the growth of all RadioNet facilities towards next generation astronomical research and techniques. It will engage astronomers, developers, and instrument specialists in a very constructive dialogue which will eventually enable an improved science exploitation of many observatories. Moreover, it is expected that through this conference the number of users of various RadioNet facilities will grow, as attendees that are not yet engaged with these instruments, will be given an extensive overview of the capabilities and incredible potential of their data, such as those produced by LOFAR, EVN, and ALTA/APERTIF.</p>

Use of the RadioNet contribution	The RadioNet contribution will cover lunches and coffee breaks for a group of participants (exceptional experts from non-RadioNet institutes bringing added value for the RadioNet community through their talk and speakers from RadioNet infrastructures) the majority of which are young/female.
Ethics	<p>The following ethics principles are associated with this conference:</p> <ol style="list-style-type: none"> <li>1. Gender balance plays an important role in this event. 32% of the POC (Programme Organizing Committee) and 30% of the LOC are women. Gender balance will also play a crucial role during the selection (i) of the experts in various themes that will be invited to present at the conference and (ii) of the contributed speakers. As an example, ~35% of the speakers at ADASS2018 were women and we intend to improve this further at ADASS2019. Besides being multi-disciplinary, the composition of the POC and of the group of invited/contributed speakers is also very international, as it consists of representatives from the countries/instruments that play a major role in advancing astronomical software and data analysis techniques presented at this conference.</li> <li>2. The conference will adopt the Dwingeloo code of conduct, which is dedicated to providing a harassment-free conference experience for everyone, regardless of gender, sexual orientation, disability, physical appearance, race, age, political opinion or religion. Harassment of conference participants in any form will not be tolerated. All communication will be appropriate for a professional audience including people of many different backgrounds.</li> <li>3. Financial support will be available for some students and beginning researchers.</li> <li>4. Participation will be open to everybody in the community and there will not be any selection on merit.</li> </ol>
<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> <p>Place &amp; Date: <u>Dwingeloo, 31/01/2019</u></p> <p>Signature of the applicant: <u></u></p>	