

RadioNet support for scientific events

Application form for organisers

EVENT INFORMATION	
TITLE	The 3C Radio Sky: Legacy of the Third Cambridge Catalogue
PLACE	Turin (Italy)
ORGANISER'S INSTITUTE NAME	University of Turin (UniTO) - Turin (Italy) Prof. Francesco Massaro, f.massaro@unito.it
DATE	Sept. 15 th , 2019 – Sept. 20 th , 2019
NO. OF PARTICIPANTS	320 (expected)
TOTAL EVENT COST	58000 EUR (estimated)
RADIONET SUPPORT	10600 EUR
OTHER SOURCES OF FUNDING	At this early stage, we have just begun to apply for funding support. On the basis of a recent meeting organized in June 2018 (https://agenda.infn.it/event/BlazarsBeyond , also listed among those relevant for the RadioNet), we could expect: 1000 EUR (UniTO) – 1500 EUR (Italian National Institute of Astrophysics) – 1500 EUR (Italian National Institute of Nuclear Physics).
REQUEST	
(max. 2 pages)	
Short abstract of the event	<p>Since its publication in 1959, the Third Cambridge (3C) Catalogue of Radio Sources, and its later revisions (3CR, 3CRR), has had a tremendous influence on our view of the extragalactic sky. It begat first quasars and radio galaxies, whose early studies ushered in many fields now recognized to be fundamental in high-energy astrophysics -- e.g., accretion onto supermassive black holes, relativistic jets, and effects of radio sources interactions in galaxy clusters. The main aim of the conference is to celebrate the 60 year anniversary of the 3C radio catalog, bringing together an international audience of scientists who are actively addressing open questions in active galaxies and galaxy clusters. To provide broad context, and to discuss connections between the represented smallest- to largest-scale emission, the 1st day of the meeting will have all plenary sessions with invited speakers. The remaining 3.5 days of conference (Wed. afternoon free for Social events) will be divided into parallel sessions on active galaxies and galaxy clusters separately. To enable researchers to meet and discuss connections, we will have multiple, jointly-held, extended coffee breaks / poster sessions (45 minutes) and provide lunches on-site (1.5 hrs), and dedicated "collaboration" rooms. To enable collaboration, we expect to dedicate a half day (Wed. morning), where five invited "conveners" could lead discussions on specific topics selected by the Scientific Organizing Committee as the most-pressing problems in the fields.</p> <p>We will organize several social events throughout the conference, to enable an informal atmosphere, conducive to collaboration, beyond the normally expected coffee breaks and lunches, and welcome reception (Sunday evening). This will include an evening conference outing wine tasting at the Monte dei Cappuccini overlooking the Turin city, and conference cocktail hour that will conclude the conference.</p>
Relevance for RadioNet	The 3C radio survey has its origins in the UK, but has served a fundamental role in the development and advancement of radio astronomy throughout Europe, and globally. The science the 3C sample has and will continue to enable with major investments in

	<p><i>Europe and South Africa, makes it relevant to RadioNet's mission, that is "widely regarded to represent the interests of radio astronomy in Europe."</i></p> <p><i>Our conference will be a unique opportunity for networking of astronomers, engineers and students as highlighted in the main goals of the RadioNet consortium and it will be the perfect environment to be involved in European radio facilities knowing their past discoveries and looking forward their future potential use.</i></p>
Impact on RadioNet	<p><i>All radio telescopes in the RadioNet network has the archive enriched by observations of 3C sources. This extremely valuable catalog will be also extensively used to select targets from the first radio observations of the new generation of radio facilities (as LOFAR and e-MERLIN) and sources listed therein will be the first that people will search in the wide area surveys. Most of the results achieved on radio galaxies are based on the observations of 3C sources, even their first basic classification proposed by Fanaroff and Riley proposed in 1974. Since 1959 a vast suite of multifrequency observations have been performed on the 3C sample, this is time to bring together the whole astronomical community involved in these studies to discuss past, present and future of the 3C survey now that radio astronomy is living a golden age thanks to the upcoming facilities and the planned upgrades of the existing ones.</i></p> <p><i>The conference will allow to for disseminating scientific & technical highlights taking maximal advantage of existing and future radio astronomical infrastructures, focusing primarily on the scientific results achieved using the RadioNet infrastructures (as EVN, e-MERLIN, NOEMA, IRAM-30m, LOFAR) according to the main aims of the RadioNet consortium.</i></p>
Use of the RadioNet contribution	<p><i>We plan to use 3000 EUR to waive registration fees for all invited speakers (10) and conveners (5) that will lead discussions on Wed. morning during the special sessions. Then we will use 4400 EUR to provide "support grants", ranging between (400 – 800 EUR each) for attendees coming from historically disadvantaged countries, to support their participation, as well as early-stage researchers. On the basis of our experience a grant of 400 EUR is sufficient to cover lodging expenses for the entire duration of the conference. A modest amount of 800 EUR will be used to award "poster prizes" (4) of 100 EUR each and/or two "young researcher prizes" of 200 EUR each. The remaining, requested amount of 2400 EUR allows us to cover a significant part of expenses for the 1st day refreshments that will be held in the city center of Turin. This will permit us to keep the registration fee manageable and to provide discounted rates to students. We expect to waive registration fees for 8-10 Ph.D. students.</i></p>
Ethics	<p><i>We will ensure equitable gender and ethnic balance in the selection of members of the Scientific Organizing Committee (SOC), and will further ensure that the SOC is committed to inviting a broad-range of speakers, discourse conveners, and in selections for oral contributions, with respect to gender, ethnicity, and career stage. Portions of the RadioNet contribution is requested to support participation from historically disadvantaged countries and early-stage researchers.</i></p>
<p>Privacy Policy: 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:
Turin, July 1 st , 2018	