

RadioNet support for scientific events

Application form for organisers

EVENT INFORMATION	
TITLE	Astrochemistry: From Micrometers to Megaparsecs – A symposium in the honour of John H. Black
PLACE	Chalmers, Göteborg, Sweden (no webpage set up yet)
ORGANISER'S INSTITUTE NAME	Chalmers University of Technology, SE-41295 Gothenburg, Sweden Eva Wirström, eva.wirstrom@chalmers.se
DATE	24-28 June, 2019
NO. OF PARTICIPANTS	100-150
TOTAL EVENT COST	30000 Euro (excl. travel, lodging for participants)
RADIONET SUPPORT	5250 Euro
OTHER SOURCES OF FUNDING	None approved, but funding will also be sought from, for example, the Swedish Research Council.
REQUEST	
<i>(max. 2 pages)</i>	
Short abstract of the event	<p>Through astrochemistry, effects on atomic scales are directly linked to the formation and evolution of planets, stars, interstellar clouds, and galaxies across the universe. The scientific purpose of this symposium is to highlight the fundamental connection between the theory of microscopic processes studied on Earth and the understanding of phenomena in a wide range of space environments. In tandem with observations of increasing detail and sensitivity, enabled by technological development, this interplay has been key in advancing the field during the last 30 years, and will become even more important as we move forward into the era of exciting new facilities such as JWST and the SKA.</p> <p>The symposium is organised in honour of Prof. John H. Black, who throughout his career has demonstrated an outstanding ability to grasp, apply, and explain these connections - always maintaining a cosmic perspective regardless of scales or wavelengths.</p>
Relevance for RadioNet	<p>Astrochemistry is one of the research fields which has grown most during the last 30 years, to a large extent because of the growing inventory of molecular species in many types of environments, enabled by the increasing capabilities at RadioNet facilities. This one-week symposium is a cross-disciplinary event where radioastronomers will meet and interact with other observers, theorists, laboratory chemists/physicists, and spectroscopists.</p> <p>The SOC (consisting of chair Eva Wirström, Chalmers; Susanne Aalto, Chalmers; Gunnar Nyman, Gothenburg University; Ewine van Dishoeck, Leiden Observatory; Maryvonne Gerin, LERMA-LRA; Amiel Sternberg, Tel Aviv University; Eric Herbst, University of Virginia; Naoki Watanabe, Hokkaido University) has sent out invitations to 20 speakers, out of which at least 14 will present observational results from ground- and space-based facilities, and at least four of them mainly from RadioNet facilities. The</p>

	<p>programme will include about 20 additional talks, selected by the SOC based on submitted abstracts, and there will be time set aside for poster presentations and discussions. We anticipate a total of 100-150 participants, out of which 2/3 from the international community.</p> <p>This symposium is therefore an excellent opportunity for radioastronomers to promote their results from RadioNet facilities, extend their professional networks, and forge new collaborations.</p>
Impact on RadioNet	<p>This international, high-profile, symposium is organised at Chalmers, the host university of Onsala Space Observatory, and takes place in Gothenburg. This will allow for Onsala astronomers to take part in the event at relatively low cost, maximising the return for the local radio astronomy community. Two of the local astronomers are invited to give talks, one of them presenting APEX results, the other mainly results from ALMA. We will of course encourage other local astronomers to submit abstracts to give contributed talks and poster presentations.</p>
Use of the RadioNet contribution	<p>The RadioNet support is intended to cover the travel, lodging, and conference fee (including room rent, coffee, and lunches) for three of the external participants who are invited to present observational results from RadioNet facilities. (Travel: 3x1000€ = 3000€; Lodging: 3x5x100€ = 1500€; Conference fee: 3x250€ = 750€).</p>
Ethics	<p>We believe that for a meeting like this, where most participants are not invited personally, it is important to provide a good example in the gender, age and nationality distribution of the SOC and the invited speakers.</p> <p>The SOC for this meeting has an equal number of men and women, active in three continents (Europe, North America, Asia), and while the average age is quite high, the youngest member is the chair.</p> <p>The majority of the invited speakers are women, and about one third are in earlier stages of their careers.</p>

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Place & Date:

Onsala, 2018-06-29

Signature of the applicant:

