

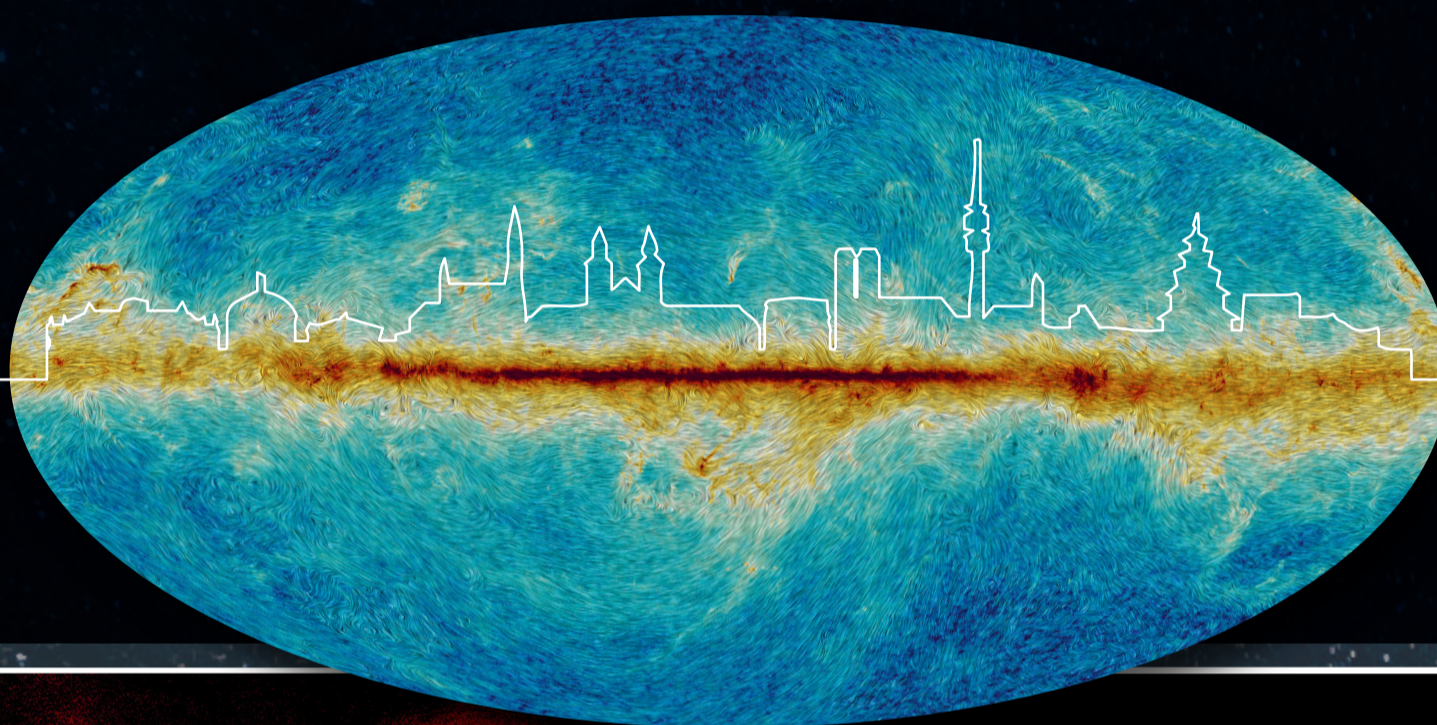
# Submm/mm/cm QUESO Workshop 2017: Centimetre-Sub-Millimetre Q & U (and V) European Southern Observatory Workshop

25–27 October 2017, ESO Headquarters, Garching, Germany

## Main topics

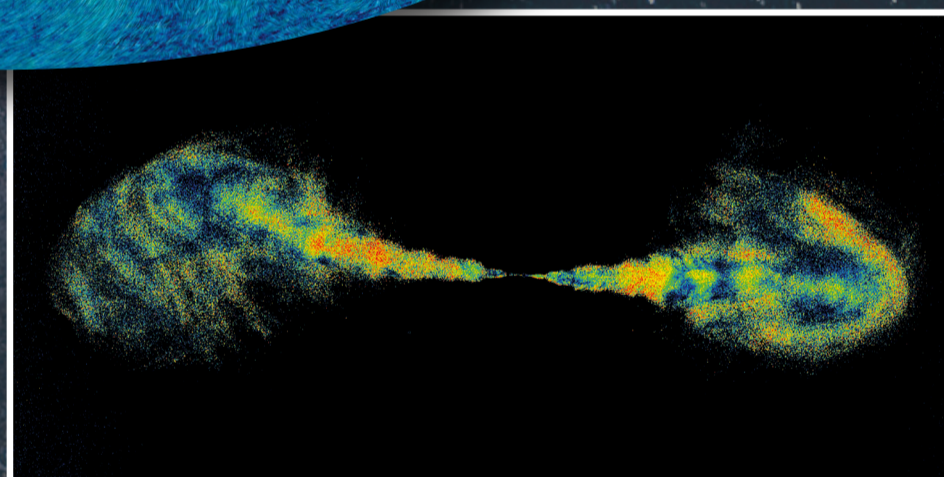
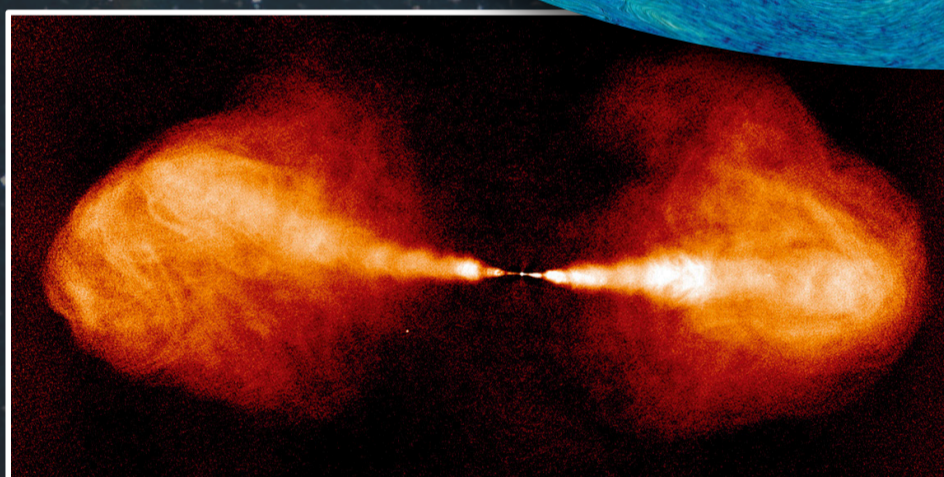
Full polarisation observations are now routine for a number of radio astronomical facilities as well as submm and Cosmic Microwave Background (CMB) experiments. It will likewise soon become straightforward and standard for the Atacama Large Millimeter/submillimeter Array (ALMA) in the centimetre, millimetre, and submillimetre wavelength bands in near future.

Very excitingly, the ALMA site in particular is now opening opportunities for high-resolution polarisation studies at very high frequency (500–1000 GHz), while orbital/suborbital experiments provide wide field, lower resolution complements. The aim of this workshop is to bring together leading and future science users, observatory calibration experts and software developers from broad research fields including AGN, star-formation, solar observations and studies of the CMB.



Munich skyline

All-sky view of the angle of polarisation, observed by Planck at 353 GHz, rotated by 90 degrees to indicate the direction of the Galactic magnetic field projected on the plane of the sky. Credit: T. Müller and J. D. Soler using publicly available data from the Planck data archive <http://pla.esac.esa.int/pla/>



VLA images of the nearby radio galaxy 3C 270 (NGC 4261). Left: Total intensity. Right: Fractional polarisation. Credit: Robert Laing (SKAO), using the NRAO Karl G. Jansky Very Large Array.

## Important Dates

**4 September 2017**

Talk abstract deadline

**11 September 2017**

Talk notifications

**15 September 2017**

Early registration deadline

**30 September 2017**

Payment and poster abstract submission deadline

## Scientific Organising Committee

Paola Andreani (co-chair, ESO)  
Carlos De Breuck (ESO)  
Robert Laing (co-chair, SKAO)  
Baobab Liu (co-chair, ESO)  
Leonardo Testi (ESO)  
Tony Mroczkowski (ESO)  
Hiroshi Nagai (NAOJ)  
Marcella Massardi (INAF)  
Ivan Marti-Vidal (Chalmers)  
Thushara Pillai (MPIfR)

## Local Organising Committee

Paola Andreani (co-chair)  
Carlos De Breuck  
Baobab Liu (co-chair)  
Tony Mroczkowski  
Leonardo Testi  
Elena Zuffanelli

## Invited speakers

Keiichi Asada (ASIAA)  
Sean Bryan (ASU)  
Liz Humphreys (ESO)  
Akimasa Kataoka (NAOJ)  
Ivan Marti-Vidal (Chalmers)  
George Moellenbrock (NRAO)  
Giorgio Siringo (JAO)  
Qizhou Zhang (CfA)



<https://www.eso.org/sci/meetings/2017/QUESO2017.html>

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