

Third YOUNG EUROPEAN RADIO ASTRONOMERS CONFERENCE

Participants and Subject of papers.

Baars/Dwingeloo  
Berkhuijsen/Leiden - Background survey at 820 MHz. ✕  
Bosma/Groningen - Neutral hydrogen distribution in M82.  
van der Brugge/Dwingeloo  
Casse/Leiden (FRA)  
Cato/Gothborg - Excited OH and search for new interstellar lines  
Colla/Bologna -  
Daigne/Meudon - Shockwaves responsible for Type II and IV bursts.  
Encrenaz/Meudon - Observations of Pulsars at 21 cm.  
Fanti/Bologna -  
Fejes/Groningen - Positive velocity HI at high galactic latitudes  
Formiggini/Bologna -  
Guélin/Meudon  
Hamaker/Dwingeloo  
Hartsuijker/Leiden  
Hirth/Bonn - Interpretation of type C radio spectra. ✕  
Hörber/Bochum -  
Katgert/Leiden - Lunar occultations of galactic centre.  
Kraus/Bochum -  
van der Kruit/Leiden  
Lari/Bologna -  
Le Poole/Leiden -  
Loonen/Utrecht  
Mackay/Cambridge - Extragalactic sources and clusters of galaxies. ✕✕  
Mebold/Leiden (MPI) - Density and temperature distribution of HI.  
Merkelijn/Leiden - Luminosity function of radio galaxies ✕✕  
Olthof/Groningen - Bending in the discs of galaxies  
Pedersen/Meudon - Observations of solar and jovian bursts at dekametre wavelengths.  
Readhead/Cambridge  
Ristow/Bonn (MPI) - Convex spectra of extragalactic sources. ✕  
Rogstad/Groningen (FRA)  
Rönnäng/Göteborg - VLB interferometry of galactic OH-sources  
Rosenberg/Utrecht  
Rosenberg/Cambridge - High-resolution map of Cassiopeia A.  
Slottje/Utrecht - Exceptional type - IV event.  
Spoelstra/Leiden - Polarization at 21 cm in the North Polar Spur.  
Sondaar/Leiden (FRA)

Visser/Leiden (FRA)

Voordes/Groningen

Walmsley/Bonn (MPI) - Inverse Compton effect in variable sources. ✕

Wassenberg/Bonn (MPI) - Characteristics of microwave solar bursts.

Wellington/Leiden (FRA)

Wesselius/Groningen -

Wilson/Manchester - Variability of OH sources

Wraith/Manchester - High resolution observations of unidentified sources. ✕

Wynn-Williams/Cambridge: 5 GHz observations of HII regions.

Fokker/Utrecht

Högbom/Leiden (FRA)

van der Laan/Leiden

Lequeux/Meudon

Mezger/Bonn (MPI)

van Woerden/Groningen

FRA: Neth. Foundation for Radio Astronomy;

MPI: Max Planck Institut für Radioastronomie.

P.S. By oversight we failed to mention on the announcement that the conference will end Friday 29 May at noon.

Session I. Tuesday 14.30 - 17.30 Chairman P.G. Mezger

GALACTIC CONTINUUM; BACKGROUND AND SOURCES.

1. Elly Berkhuijsen, Leiden - Background survey at 820 MHz.
2. Spoelstra, Leiden - Polarization at 21 cm in the North Polar Spur
3. Tomasi, Bologna - Radio structure of some supernova remnants
4. Rosenberg, Cambridge - High-resolution observations of Cassiopeia A
5. Wynn-Williams, Cambridge - 5 GHz observations of the HII condensations in W3, W49 and DR21.

Session II. Wednesday 9.15 - 12.15 Chairman J.A. Högbom

INSTRUMENTATION.

1. Colla, Bologna - A possibility for a phase controlled long baseline interferometer
2. Baars, Dwingeloo - Highlights of the VLB interferometry symposium in Charlottesville
- 3.
4. Hamaker, Dwingeloo - Phase calibration system of the SRT
5. Visser, Leiden -
6. Wellington, Leiden - The SRT 6 cm receiver system

Wednesday 14.00 - 17.30 Excursion to the

SYNTHESIS RADIO TELESCOPE at Westerbork

Session III. Thursday 9.15 - 12.15 Chairman H. van Woerden

GALACTIC LINE WORK

1. Fejes, Groningen - Positive velocity HI at high galactic latitudes
2. Wesselius, Groningen - Correlation between gas and dust
3. Mebold, Bonn - Density and temperature distribution of neutral hydrogen
4. Katgert, Leiden - Lunar occultations of the galactic centre
5. Encrenaz, Meudon - Observations of pulsars at 21 cm
6. Rönnäng, Gotheborg - VLB interferometry of galactic OH-sources
7. Jane Wilson, Manchester - Variability of OH sources
8. Cato, Gotheborg - Excited OH and search for new interstellar lines

Session IV. Thursday 14.15 - 17.30 Chairman J. Lequeux

EXTRAGALACTIC LINEWORK. THE SUN.

1. Bosma, Groningen - Neutral hydrogen distribution in M82
2. Olthof, Groningen - Bending in the discs of galaxies
3. Wassenberg, Bonn - Characteristics of microwave solar bursts
4. Slottje, Utrecht - An exceptional type-IV event
5. Pedersen, Meudon - Observations of solar and jovian bursts at dekametre wavelengths

6. Daigne, Meudon - Shockwaves responsible for Type-II and -IV bursts
7. Rosenberg, Utrecht - MHD phenomena in the solar corona

Session V. Friday 9.15 - 12.15

Chairman H. van der Laan

EXTRAGALACTIC SOURCES.

1. Ristow, Bonn - Convex spectra of extragalactic sources
2. Hirth, Bonn - Interpretation of type C radio spectra
3. miss Formiggini, Bologna - Optical variability of radio quiet blue stellar objects
4. Walmsley, Bonn - Inverse Compton effect in variable radio sources
5. Lari, Bologna - On the optical identification of radiosources in the B2 survey
6. Jeannette Merkelijn - Luminosity function of radio galaxies
7. Wraith, Manchester - High resolution observations of unidentified radio sources
8. Mackay, Cambridge - Extragalactic sources and clusters of galaxies

Tuesday evening

Chairman C.A. Muller

THE SYNTHESIS RADIO TELESCOPE

1. Raimond, Westerbork - Introduction
2. Baars, Dwingeloo - Telescope construction and accuracies
3. Casse, Leiden - The receiver system
4. Le Poole, Leiden - First results

Wednesday evening

Informal discussion "YOUNG RADIO ASTRONOMERS AND THE SCIENTIFIC ESTABLISHMENT"

P.G. Mezger, Bonn - Introductory remarks

Thursday evening

After diner talk by professor W.N. Christiansen, Sydney and Leiden

"A SCIENTIST'S EXPERIENCE IN THE CHINESE CULTURAL REVOLUTION"

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