

# Institute of Physics

## LONDON AND SOUTH EASTERN BRANCH REMS SECTION

### **Visit to the Mullard Radio Astronomy Observatory, Lord's Bridge, Cambridgeshire and American World War II Cemetery, Madingley. Thursday 27 July 2006.**

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This visit has been organised by Neil S Griffin

Visitor numbers limited to a maximum of 30.

The Cavendish Laboratory in Cambridge pioneered radio astronomy under Sir Martin Ryle FRS from 1945 to 1982. Initially on the outskirts of the city, the operation moved to the Mullard Radio Astronomy Observatory in 1957. The move to the new site at Lord's Bridge was made possible by the generosity of Mullard Ltd. and the support of the Science Research Council. Today the observatory is operated by the Cavendish Laboratory, supported by the Particle Physics and Astronomy Research Council.

There is a variety of radio telescopes on the site, including the 4C telescope for observing at 178MHz which was completed in 1957, the Ryle multi-dish synthetic aperture telescope, which was reconfigured in the late 1980's and the Very Small Array telescope.

A tour of the facilities will commence at 11.00am and will last approximately 2 hours. Please arrive at the Lecture Room entrance located on the A603 south west of Barton, Cambridgeshire, between 10.30 and 11.00. The site is quite large and as the tour will be mainly out of doors, visitors should be appropriately clad depending on the expected weather conditions.

Due to the location of the observatory the best means of travel is by car, however for those who can travel only by train, limited numbers could be picked up by car from Cambridge railway station, if requested when booking.

Lunch will be in the White Horse pub in Barton. Would those wishing to eat here please indicate when booking for this trip so that the pub may be forewarned of the expected numbers.

After lunch we will be visiting the nearby American World War II Cemetery at Madingley. It is the final resting-place of thousands of American servicemen and commemorates many thousands whose bodies were never found. It is the only World War II American cemetery in Britain. We hope to have the services of a volunteer guide. Please indicate when booking if you are likely to want to include this part of the visit.

If you wish to visit the city of Cambridge instead, there is a park-and-ride site on the Madingley Road, east of J13 on the A1303.

10.30 – 11.00	Assemble at the Lecture Room entrance on the A603
11.00	Tour begins
13.00 approx.	End of tour
13.15 approx.	Lunch at the White Horse, Barton
15.00 approx.	Travel to the Madingley US War Cemetery.
16.30 approx	Rail travellers depart for 17.28 King's Cross and 17.32 Liverpool
	Street trains from Cambridge station. (Subject to confirmation.)

**Directions to Lord's Bridge, Cambridgeshire.**

Lord's Bridge is on the A603 about 1 mile south west of Barton, Cambridgeshire  
Ordnance survey map 154. Map reference: 391 541.

**By Road.**

From London and all other directions.

**M11.**

Leave at junction 12.

Turn on to the A603 westbound towards Barton and Sandy.

Proceed through Barton. Note the White Horse pub on the right as you go through the village.

Lecture Room (main) entrance to the radio observatory is on the left hand side after approximately 1 mile.

**By Rail.**

To Cambridge railway station, to arrive no later than 10.35, to allow transfer by car to Lord's Bridge. (Limited availability, pre booked only – first come, first served).

**Directions to Madingley American World War II Cemetery.**

Madingley WWII Cemetery is on the A428 about 1 mile to the west of junction 13 on the M11.  
Ordnance Survey map 154. Map reference: 404 595.

From Lord's Bridge or the White Horse, take the A603 towards Cambridge. Join the M11 at junction 12 to go North.

Leave at the next junction, (junction 13), turning left, westbound, towards St. Neots.

Madingley WW11 Cemetery is on the right hand side, just past the windmill after about 1 mile.

**Note: no exit southbound M11 junction 13.**

