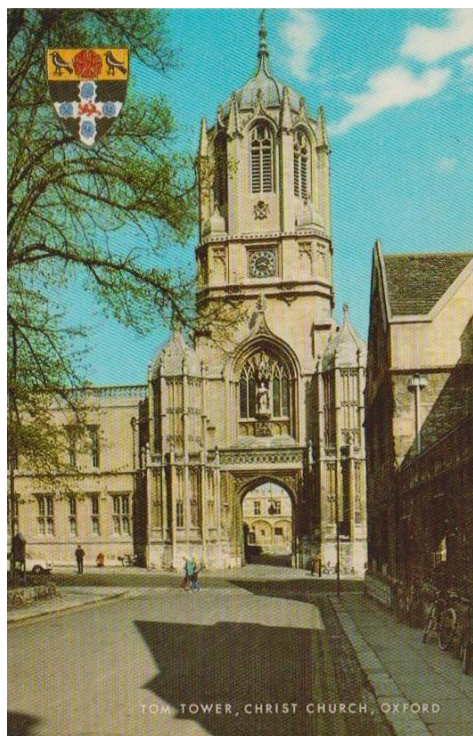
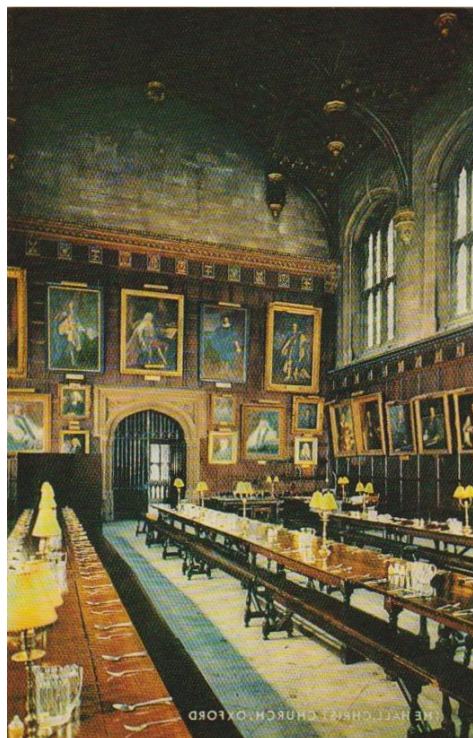


**Oxford Visit – CHRIST CHURCH
& ENGINEERING Department****Tuesday 26 March 2013**

This meeting has been organised by John Temple and George Freeman



Tom Tower



Hall

Christ Church is a unique institution, one of the largest in the University of Oxford and the cathedral church for Oxford. It has a world famous Cathedral Choir and a good collection of books and art. John Lock and Robert Hooke (founder members of the Royal Society) studied there.

It was started in 1525 when Cardinal Wolsey took over St Frideswide Priory but did not develop much until it was refounded by Henry VIII in 1546 as Christ Church. The church became a Cathedral in 1546. Wolsey had intended to have a library but nothing happened until Elizabeth's reign when Arundel sent letters in 1652 asking for money and books. It was set up in the St Frideswide's refectory and was originally chained.

We will see the Cathedral, library, Hall, several quads and gardens and walk along the meadows. Unfortunately, we will not be able to see the Picture Gallery but we hope to see Rita Greer's Hooke portrait. Our host is John Temple. We have a "Behind the Scenes" tour and the guide is Haley Greenhough.

www.chch.ox.ac.uk

The **Engineering Department** of the University is very large and its research covers thermo-fluids & turbo-machinery, materials, civil & off-shore, electrical & electro-optics, chemistry & processes and biomedical topics. We can only see one of these and I have chosen the turbo-machinery at Osney Meads. This was set up in 2010 to study all aspects of turbines and is a major supplier of research for Rolls-Royce, Alstrom, Siemens, QintQ and Mitsubishi Heavy Industries. The turbine testing facility measures many aspects of the operation of engines and individual components can be tested separately. Temperature, seals and cooling are very important. The instrumentation is remarkable as the experiments cover shock tunnels, high and low temperature flight and vacuum conditions. Our host is Dr Matthew MCGilvray. Unfortunately we will not have time to see the department's copy of the Hooke portrait which is in Parks Road.

www.eng.ox.ac.uk

Meet in Christ Church. Enter by the main gate, (Tom Tower), register and proceed to the Great Hall for refreshments. Tom Tower is in St Aldates (Street). The Great Hall is up a beautiful vaulted staircase at the far RH corner of the quad.

10.30 — 11.00	Meet in Christ Church for refreshments.
11.00 — 12.30	Tour
12.45 — 14.00	Lunch in Christ Church Hall
14.00 — 14.30	Coach to Osney Mead
14.30 — 16.30	Talk and tour of Thermo-fluids

TRAVEL

Car drivers are recommended to park in the Seacourt P&R as it is very close to our afternoon visit. The P&R on the London side fills up very quickly. Most P&R buses and the X32 pass Tom Tower. If your bus does not pass through St Aldates, get off at the stop *before*, not after **Carfax** (junction of Queen Street with St Aldates) See the attached map.

The **Station** is Oxford (from Paddington/Reading) and Tom Tower is a fair walking distance. (The map is not to scale.) Turn right out of the station and take a P&R 400 from St Frideswide Square.

LATE ARRIVALS. Phone George or John Belling or John Temple to find out where we are.
GF: 07941 916 944; JB: 07986 37 99 35; JT: 0777 944 5251

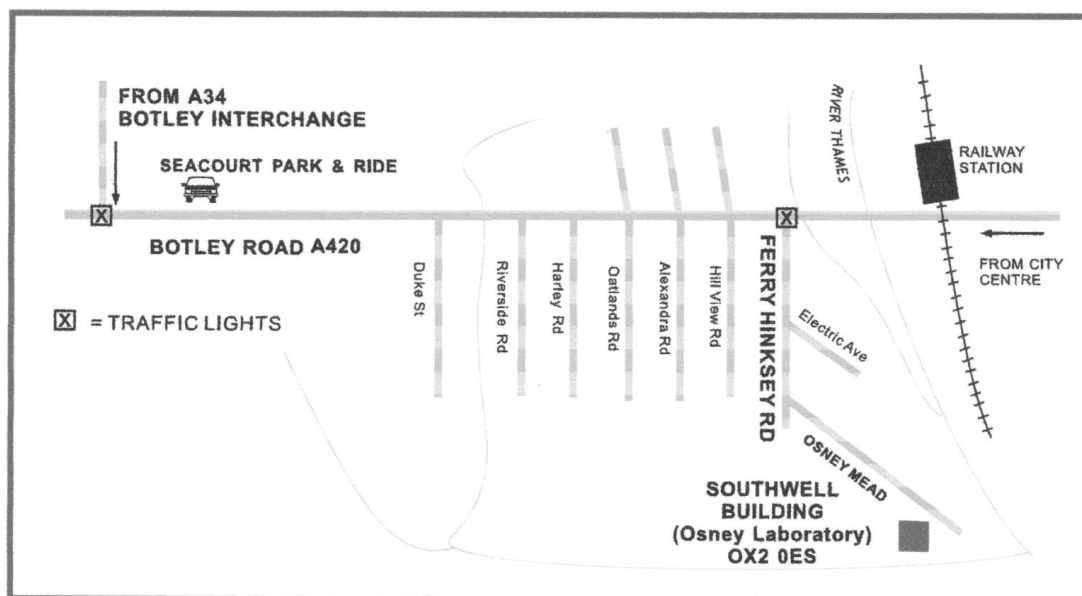
CONTACTS

Before the meeting- John Belling john.a.belling.secrems@gmail.com 07986 379935

On the morning only - George Freeman 07941 916 944 or John's mobile.

COSTS

£42 each including refreshments, two course lunch and coach. Wine at cost.



Where to get on in Oxford City Centre from 30 Sept 2012

park **ride** 300 towards Pear Tree
P2 E5 B1 C2

park **ride** 300 towards Redbridge
A2 A5 D1 H2 P1

park **ride** 400 towards Seacourt
J3 I1 S1 E4 E7 R10

park **ride** 400 towards Thamehill
R7 D1 M1 S2 G5 K3

park **ride** 500
C3

BROOKESbus **U1/NU1** towards Harcourt Hill
J3 I1 S1 E2 E7 R9

BROOKESbus **U1** towards Wheatley
R8 D3 L1 K4

BROOKESbus **NU1** towards Wheatley
R8 D3 M1 S2 G3 L1 K4

BROOKESbus **U5**
S2 G3 K4

BROOKESbus **NU5**
S2 G3 L1 K4

city2
C1

city3 towards Rose Hill
R1 R7 D1 D4 K2

city3 towards Rail Station
J3 I2 S1 E6 E7 R10

city4 towards Wood Farm
R7 D1 M1 S2 G1 K3

city4 towards Botley
J3 I1 S1 E2 E7 R10

city5 towards Blackbird Leys
R2 R7 D1 M1 S2 G4 K1

city5 towards Rail Station
J3 I2 S1 E6 E7

city6
C3

city8/9
E3 K4

city13 towards JR Hospital
R4 R7 D1 M1 S2 G2 K3

city13 towards Rail Station
J3 I2 S1 E6 E7

city23/X13 towards JR Hospital
P2 G2 K3

city23 towards Redbridge
J3 I2 H2 P1

city35
H3 P1

cityX3 towards Abingdon
R3 R7 D1 H1 P1

cityX3 towards Rail Station
P2 E6 E7

cityX13 towards Abingdon
J3 I2 H1 P1

airline **LHR** towards Heathrow Airport
BS Bay7 S2 K5

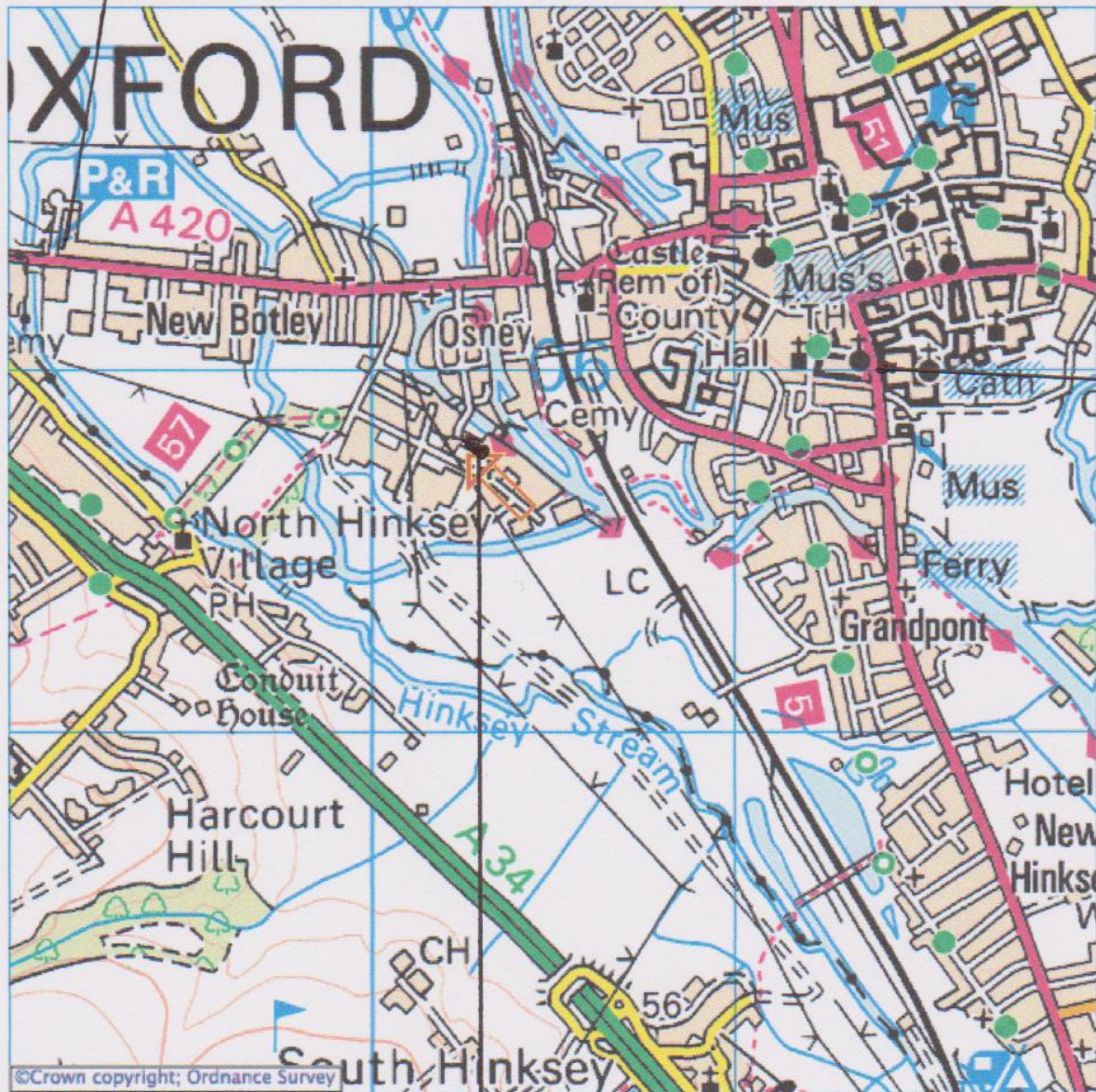
airline **LGW** towards Gatwick Airport
BS Bay6 S2 K5

airline **X90** towards London Victoria
BS Bay5 S2 K5

C1 Bus Stops
not to scale



SEACOURT



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Click [here](#) for a larger map

OSNEY MEAD LABORATORY