

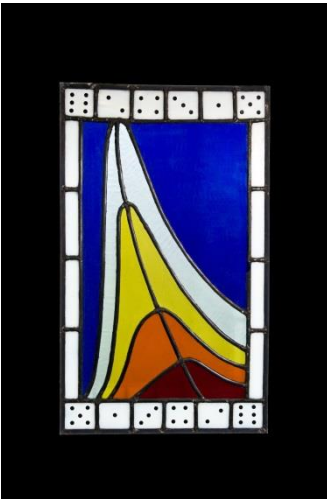
# Institute of Physics – London & South East Branch – Retired Members Section

Stained glass, some physics and a great steam engine  
Saturday June the 20th 2015.

This visit has been organised by Tom Jacobs.

## Description.

*Morning:* A viewing and discussion of 11 stained glass windows, made by TJ, on twentieth century physics and other themes, followed by a demonstration in our workshop of how such windows are constructed. An article on TJ's work can be found on the IoP blog at <http://www.iopblog.org/stained-glass-windows/>  
*Afternoon:* a guided visit to the wonderful Kempton Triple Expansion steam pumping engine, which will be 'in steam'. ([www.kemptonsteam.org](http://www.kemptonsteam.org)).



Planck's Radiation Law in stained glass

## Where and when to meet.

Meet up at 10.30 am in Tom and Joyce's house, No 64 Fifth Cross Rd, Twickenham (64TW25LE) No 64 is a white cottage, with a conspicuous white picket fence. Local parking is free.

## Getting here by car.

Follow the Chertsey Road A316 to the Hospital Bridge Road (B358) roundabout, and, if coming from the Richmond direction, turn left into Hospital Bridge Road. At the next traffic lights turn left onto the Staines Road ((A305). Fifth Cross Road is the third turning on the right, just past a traffic- light-controlled pedestrian crossing.

## Getting here by Public Transport.

(Freedom passes are OK) Travel by train from Waterloo Station to Twickenham. Fast trains (to Reading) run at 20 and 50 minutes past the hour, usually from Platform 19. I suggest the 09.50 train, getting to Twickenham at 10.10. Catch a 267 or 281 bus outside the station, getting off at the Trafalgar Road/Prince of Wales stop, usually shown on a display panel and announced. It is two stops after Twickenham Green. Cross the road, bear left and immediately right into Trafalgar Road. Take the second on the left, Bedford Road, and at its end turn right into Fifth Cross Road. In all, this is a short walk.

## Onward journey to the Steam Museum.

We will travel to the Kempton Steam Museum by car. Please let me know how you are coming to our house, so that I can be sure that there will be enough spare seats in cars to take members who are coming public by transport to the museum, and later to a public transport point. (If not, I will make other arrangements.)

**Lunch** will be taken either in the garden or in the workshop at No 64.

## Timetable

10.30 Coffee followed by the stained glass presentation.

12.30 to 13.00 Lunch

13.00 to 13.30 Travel to Kempton Power Station Museum.

13.30 to 15.00 Guided tour of the pumping engine which will be in steam.



Kempton's 1000 ton triple expansion steam pumping engine

15.00 light refreshments in the museum

15.30. Disperse.

**Size of party:** Maximum number attending 10

**Costs.** Entrance to the museum £6. Lunch contribution £7.00 in cash on the day please.

**Contacts.** Home 020 8893 8535, mobile 07914951123 [tjandjaj@aol.com](mailto:tjandjaj@aol.com)

**Late arrivals.** Please phone and make your way to 64 TW25LE.

