

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

Guildford Cathedral and Surrey Satellite Technology Ltd on Thursday 22 November 2018

This visit has been organised by Hugh Deighton.



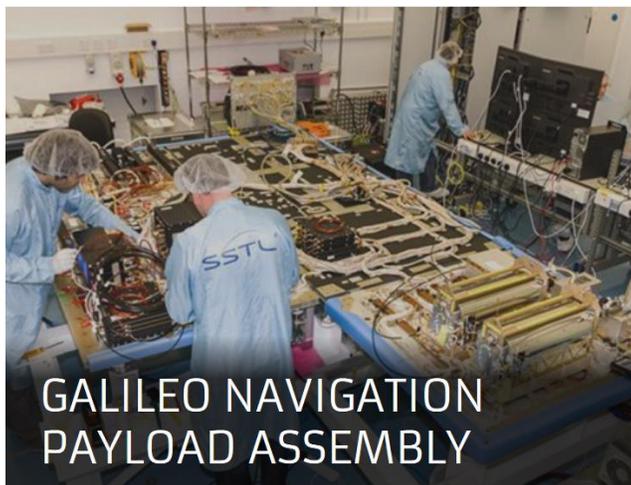
Picture: Guildford Cathedral website: www.guildford-cathedral.org

Description

Summary: In the morning we visit Guildford Cathedral for a private talk by a guide, including a special talk about the organ by the organist, followed by time to explore the Cathedral. After lunch we visit the Surrey Satellite Technology Ltd facility at the nearby Surrey Research Park, where we will have a guided tour.

Guildford Cathedral, standing on Stag Hill close to the centre of Guildford but quite separate, is one of the country's newest cathedrals. It was begun in 1932 and completed in the early 1960s and was funded through public subscriptions of 2/6 (half a crown) to buy and sign each of its red bricks, which were made from the clay of the hill on which it stands. Its architecture is contemporary and its interior is spacious and light, conforming to a modernist aesthetic defined by its architect, Sir Edward Maufe, and the interior designer Prudence Stutchbury, who was a director of Heal's and married to Sir Edward.

For those who wish, it will be possible to climb the tower during the visit – there are 249 steps, which lead to the Ringing Chamber and to the Tower Roof, from which there are views as far as London skyscrapers on a clear day. (The tower climb is limited to 15 people, all of whom must sign that they are fit and under 80.)



After lunch we transfer to the nearby **Surrey Satellite Technology Ltd** buildings, which are located on Guildford's Surrey Research Park. Surrey Satellite Technology Ltd is a leading world-class manufacturer of small satellite systems and specialist payloads for larger satellites.

We will split into two groups of 10 for guided tours of the satellite and payload production facilities.

Picture: Surrey Satellite Technology Ltd website:
<https://www.sstl.co.uk/>

Satellites and payloads currently being built include:

- NovaSAR-1: a small Synthetic Aperture Radar (SAR) mission designed for low-cost programmes
- Galileo navigation payloads for the satellites being built by OHB System AG
- Vivid-i Constellation: 5 satellites for Earth-i's new Earth Observation Constellation.

Which satellites or payloads we will see depends on the status of build and test on the day of our visit.

Where and when to meet

We will meet in the Cathedral café, which is a few steps from the front entrance of Guildford Cathedral. The general talk about the Cathedral starts at 10:45, with the organist joining us at 11:45. We are then free to explore the Cathedral until 13:30, with lunch at the Cathedral café during that time.

Getting there

Guildford Cathedral is close to Guildford train station. It is possible to walk (about 25 minutes) or there is a bus (No 17A) which will take you to Surrey University (Twyford Court Stop), from where it is an 8 minute walk to Stag Hill and the Cathedral. Alternatively there are taxis at Guildford station, or free car parking within the grounds of the Cathedral itself for those who will drive. The address is: Guildford Cathedral, Stag Hill, Guildford, Surrey, GU2 7UP and it is located close to the A3, from which it is well signposted and very visible.

From the Cathedral to Surrey Satellite Technology Ltd we will transfer by private car or by taxi if necessary (free parking also available). Similarly, after the visit we will transfer back to Guildford station by private car or by taxis as necessary.

Lunch

Pre-visit refreshments and lunch will be available at the Cathedral café which offers a range of food, from sandwiches to hot meals. Payment by individuals at the cash desk after selecting food and drinks.

Timetable

10:00 – 10:45: Assemble at Guildford Cathedral café

(for directions see: <http://www.guildford-cathedral.org/visit/directions>)

10:45 – 11:45: Illustrated talk by a Cathedral guide

11:45 – 12:00: Talk by the Cathedral organist

12:00 – 13:30: Free time to explore the Cathedral, including ascending the tower for those who wish to

12:00 – 13:30: Lunch in the Cathedral café

13:30 – 14:00: Transfer to Surrey Satellite Technology Ltd (for directions see <https://www.sstl.co.uk/contact-us>)

14:00 – 15:30: Guided tour of satellite facility

15:30 End of visit. Bus 17A or taxi back to Guildford station for those requiring them.

Size of party

We are limited to 20 attendees (15 for the tower ascent) for both the Cathedral visit and for the tour of Surrey Satellite Technology Ltd.

Cost: £4.00

The cost of the Cathedral talk and visit is £4 per person (donations optional paying on the day). There is no charge for the tour of Surrey Satellite Technology Ltd. Transport and refreshment/lunch costs are the responsibility of the attendees.

Contacts

Hugh Deighton: Email: hugh@deighton.info, Mobile: 07712 563360 or Tony Colclough: 07930 171307 on the day

Late arrivals

The talks about the Cathedral and organ will be held in the Cathedral café, where latecomers will be able to find the group before the visit to the Cathedral itself. If necessary please contact the organiser by mobile as above.