



## FROM THE COMMITTEE

Welcome to the Summer 2017 newsletter of the Christchurch Branch of the RAeS.

We hope you are continuing to enjoy your membership of the Branch and will renew your membership for the coming year. We have held the membership subscription at £10 for a further year, which represents excellent value and provides free admission to our series of lectures and priority booking for bookable events.

Our programme for 2017-2018 is on page 2. We aim to put on a varied programme each year, with a mix of historical subjects and current developments in the world of aviation and we hope you will find it interesting.

We welcome visitors to all our lectures, and ask for a small donation of £2 from each visitor, so do please encourage your friends and family to come along. We will give them a warm welcome and an excellent talk.

All our talks are suitable for young people and students who have an interest in aviation. They, together with Air Cadets, are admitted free of charge to all our lectures.

Finally, for anyone who has not seen it, the new aircraft carrier HMS Queen Elizabeth forms an impressive addition to the standard Portsmouth Harbour tour at present. It just needs a few aircraft to complete the picture.



Lectures start at 7:30pm and will take place in the Cobham Lecture Theatre, Bournemouth University, Talbot Campus, Wallisdown, BH12 5BB unless otherwise stated.

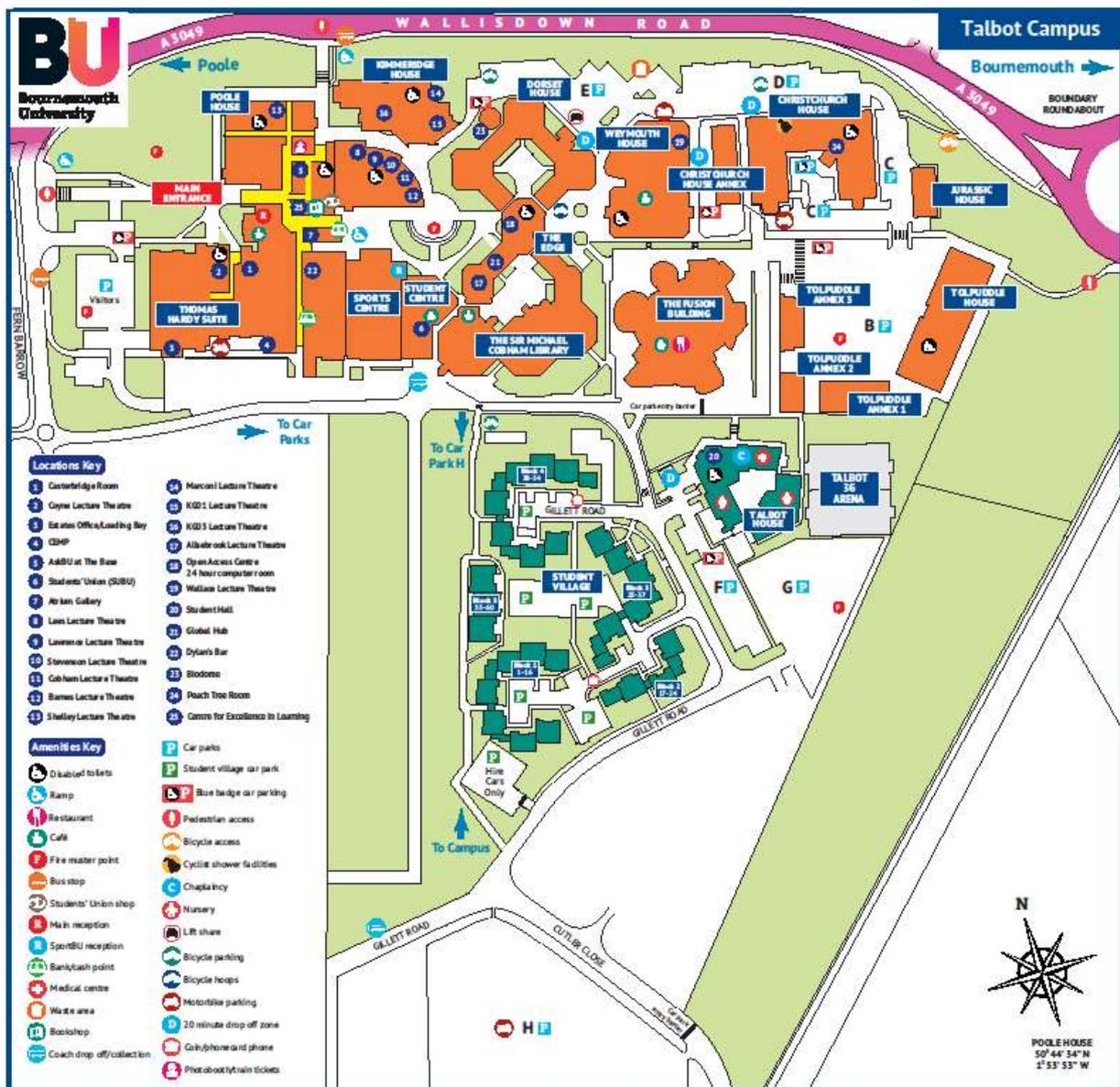
- 28<sup>th</sup> Sep 2017**    **Britain's Last Airliner – the BAe 146**    Speaker: Stephen Robson  
Aircraft take a long time to progress from the drawing board to the first flight - and the BAe 146 was an extreme example, with a 21-year gestation. This talk covers that long development phase, the reasons for it, and why, after all, it survived and went on to be very successful.
- 26<sup>th</sup> Oct 2017**    **How the UK Investigates Aircraft Accidents & Serious Incidents** Speaker: Scott Wilson FRAeS  
The Air Accidents Investigation Branch investigates civil aircraft accidents and serious incidents within the UK, its Overseas Territories and Crown Dependencies.  
Our speaker is a Senior Inspector of Air Accidents (Operations) at AAIB, with many years of flying experience, and will provide an insight into the work of this vital branch of government.
- 23<sup>rd</sup> Nov 2017**    **The Quest for a Flyable Spacecraft**    Speaker: John Gough, RAeS Weybridge Branch  
The development of manned spacecraft, from the earliest ideas put forward in the 1930s to the Space Shuttle and beyond. Our speaker is a former aerodynamicist at Hawker Siddeley.
- 14<sup>th</sup> Dec 2017**    **The Icarus Project**    Speaker: Dr Angelo Grubišić, University of Southampton  
The development of the 21<sup>st</sup> Century wingsuit. The Icarus Project is an innovative student project, showing that with opportunity and a little leadership, students can achieve something much greater than simply a good grade.  
Dr Grubišić is a lecturer in Astronautics in the Faculty of Engineering and Environment.
- 25<sup>th</sup> Jan 2018**    **Helicopter air-to-air refuelling**    Speaker: Andy Strachan, Leonardo  
The air-to-air refuelling of helicopters presents some specific challenges. This presentation will look at the trials conducted on the EH101 Merlin helicopter.  
Andy is chief test pilot for Leonardo (formerly AgustaWestland).
- 22<sup>nd</sup> Feb 2018**    **Flight – The Human Factor**    Speaker: Ashley Morgan, FAST archivist  
As aircraft design became more sophisticated, enabling man to fly higher and faster, a new science emerged known as Aviation Medicine. This illustrated presentation looks at the work of the former RAF Institute of Aviation Medicine (IAM) Farnborough and their colleagues at the Institute of Naval Medicine (INM) Gosport, and features film clips from the FAST archives.
- 22<sup>nd</sup> Mar 2018**    **Controlling 9/11**    Speaker: Phil Holt  
Phil Holt was an air traffic controller and was on duty on 11th September 2001 at the time of the terrorist attacks in America. He will give an insider's view of how this terrorist atrocity affected flight around the world, both at the time and subsequently.
- 26<sup>th</sup> Apr 2018**    **High-altitude UAVs**    Speaker: Paul Brooks  
Paul is managing director of Prismatic Ltd, experts in the design, manufacture and delivery of high-altitude, long-endurance UAVs.  
**This lecture will be preceded by the branch AGM at 6:45pm.**
- Barnes Lecture Theatre**

## CAR PARKING AT THE UNIVERSITY

Many of you will be aware that there is an ongoing programme of building at the Talbot Campus of Bournemouth University. As a result, there have been further changes to the parking provision. At the time of writing, an updated map of the campus is not yet available, but I have tried to describe the changes as they are likely to affect you. **The map below is the old map, so is not up-to-date.**

**The visitor car park by the main entrance has been removed to make way for a larger purpose-built bus hub.** Car parks D and E are closest to the lecture theatre block. There is usually plenty of space in those car parks. Car park B is a larger car park, which also generally has plenty of space.

Work on the new link road from the Boundary Roundabout is starting in September, and the road should be open by the end of the year. This will provide alternative access to the car parks.



## VISIT PROGRAMME FOR 2017 – 2018

We are hoping to arrange at least one day excursion for the coming season, and are also considering a further short break if there is sufficient interest. Visits will only run if there are sufficient people to cover costs. Details of the visit programme will be available at lectures, will be e-mailed to members and will be published on our Facebook page. For members without e-mail access we will post out a special newsletter supplement.

## MEMBERSHIP

Membership subscriptions are now due for the coming year, and a membership renewal form has been sent to you. Your subscription gives you free admission to all branch lectures and priority booking for bookable events. The membership subscription rate remains at £10.

We hope you will renew your membership and continue to support your branch. We welcome new members, so do please encourage friends with an interest in aviation to join. Your renewal form can be copied and used for new members, or they may wish to contact the membership secretary (see below).

Members of the Royal Aeronautical Society are welcome at all our events free of charge. The branch receives funding from the Society towards our activities, and the level of funding is partially based on the number of members of the Society who have opted to link with the branch. If you are a Main Society member and enjoy our branch activities, we would ask you to confirm your link with the branch by returning the renewal slip to us, or by e-mail to the membership secretary, John Gurden [john.gurden@gmail.com](mailto:john.gurden@gmail.com) (note new e-mail address).

## MONTHLY EVENTS DIGEST

If you are on e-mail, you will know that we send out a monthly digest of aviation, defence and engineering events in the local area and beyond. We hope you find this interesting and are able to attend some of the events. To receive this monthly digest, please include your e-mail address when you renew your membership. This will not be passed on to any other organisation.

## CAN YOU HELP?

We welcome suggestions for lectures. Please send any suggestions to your lecture secretary, Jenny Gurden, by e-mail to [jenny.gurden58@gmail.com](mailto:jenny.gurden58@gmail.com) or speak to her at any lecture.

**We look forward to seeing you at lectures in the coming season.**



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