



**ROYAL  
AERONAUTICAL  
SOCIETY**

LOUGHBOROUGH BRANCH

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2<sup>nd</sup> September 2019

**Invitation to our 2019/20 Season**

On behalf of the RAeS Loughborough Branch Committee I am writing to invite you to participate in what we believe to be yet another superb season and, at the same time, support the RAeS Loughborough Branch. There are just three categories of RAeS Loughborough Branch supporter:

1. **Branch Member.** This category includes:
  - a) RAeS Members of whatever grade who have indicated in their RAeS Profile that they wish to receive details of RAeS Loughborough Branch's activities. N.B Irrespective of whether they have so indicated, **all** Members of the Royal Aeronautical Society may attend our events free of charge.
  - b) Non-RAeS Members who have paid an annual subscription of £15 to become affiliated to the Branch as a Branch Member. Please complete and return the application form on Page 3 along with the payment to register as a **Member of the RAeS Loughborough Branch (Previously known as a Branch Friend)**. Alternatively, please pay by Electronic Bank Transfer in accordance with the instructions provided in the application form, again on Page 3.
2. **Visitors.** We ask occasional visitors for a small donation on each attendance; **£3** is suggested which is in line with other branches' recommendations. However, if you plan to attend regularly it would be best to register as a **Member of the RAeS Loughborough Branch** (see (1b) above).
3. **Students.** All students, whether RAeS members or not, may attend our lectures free of charge.

We hope to see you at the **first lecture on Tuesday 15<sup>th</sup> October (Beluga XL -oversize transport for the 21st century by Veronique Roca, Airbus BelugaXL Technical Director & Chief Engineer)**. Details of the complete season of lectures are listed on Page 2.

Most of the things you need to know about RAeS Loughborough are described on the Branch's website [www.loughborough-raes.org.uk](http://www.loughborough-raes.org.uk) from which copies of our 2019/20 lecture programme Brochure may be downloaded. The Events Calendar on the main RAeS website [www.aerosociety.com/loughborough](http://www.aerosociety.com/loughborough) also contains details of the Branch's lecture programme. Its Loughborough page contains a link to our Branch website. **High Quality Card Copies of our current Brochure, containing full details of the Branch's 2019/20 programme, will also be available to all Branch Members (as defined in 1(a) and 1(b) above) when they attend our meetings.**

We rely on e-mail and, in some cases, postal addresses to keep our supporters up to date. If you change your e-mail or postal address at any time, please inform the Branch by e-mailing [loughborough@aerosociety.com](mailto:loughborough@aerosociety.com) or sending a letter to the Branch Secretary. Please be assured that your contact details will never be disclosed to anyone without your permission. Bulk mailings will not list addressees.

In compliance with the General Data Protection Regulations, the RAeS undertakes to delete all of an individual's contact details from RAeS records within 24 hours of receiving instructions from that individual to do so. These instructions may be sent either by e-mail or post to the RAeS or to the RAeS Loughborough Branch.

**Colin Moss MRAeS,  
Secretary RAeS Loughborough Branch**

RAES1043 Iss. 7

## RAeS Loughborough Branch

| Dates<br>(all Tuesdays)  | Lecture   | Lecturer   |
|--|---|--|
| 15 <sup>th</sup> Oct 2019  | Beluga XL – oversize transport for the 21st century                                     | Veronique Roca, Airbus Airbus BelugaXL Technical Director & Chief Engineer                         |
| 5 <sup>th</sup> Nov 2019<br><b>Elfyn Richards<br/>Prestige Lecture</b> | Battle of the X-planes – The Competition for the Joint Strike Fighter Programme         | Rear Admiral Simon Henley, RAeS President  |
| 19 <sup>th</sup> Nov 2019  | The Fairey Rotodyne   | David Gibbings   |
| 10 <sup>th</sup> Dec 2019  | The Heathrow Air Traffic Control System at 99% Capacity – Even under Crash Conditions   | Adam Spink   |
| 21 <sup>st</sup> Jan 2020  | Nanosatellites: Enabling technologies for novel mission architectures                   | Dr Kate Smith, Lecturer in Aerospace Engineering, University of Manchester                         |
| 11 <sup>th</sup> Feb 2020  | Quicksilver - regaining world water speed record for Britain                            | Nigel McKnight   |
| 25 <sup>th</sup> Feb 2020  | High alpha testing and flight safety  | Terry Smith. BAE Flight Test, ret'd  |
| 17 <sup>th</sup> March 2020  | Rolls-Royce Electrification Strategy &The All-Electric Demonstrator ACCEL Project       | Matheu Parr, ACCEL Programme Manager, Rolls-Royce PLC  |
| 5 <sup>th</sup> May 2020   | The North American X-15, the first manned American spacecraft                           | Roger Allton, Branch Member  |
| 9 <sup>th</sup> June 2020  | Loughborough University MEng Final Year Aircraft Design Projects – Short lecture series | Loughborough University Department of Aeronautical Engineering and Transport Studies MEng Students |

### RAeS Loughborough Branch 2019/20 Programme



## Airbus Beluga XL

**APPLICATION FORM to become a MEMBER OF THE RAeS  
LOUGHBOROUGH BRANCH for the 2019/20 SEASON**

**Option 1 - Payment at a branch meeting (by cash or cheque) or by post (by cheque).**

I wish to register as a Member of the RAeS Loughborough Branch and enclose payment (cash or cheque) of **£15**. N.B. Cheques should be made out to **RAeS Loughborough Branch**.

Name.....

Address.....

Telephone No.....E-mail.....

Date of Application.....

*Please **hand** the completed form together with either cash or a cheque to the Branch Treasurer or Secretary at one of our branch meetings*

**or**

**post** the completed form together with a cheque to:

**Mr S G Hogarth**

**RAeS Loughborough Branch Treasurer**

**31 Main Street**

**Great Oxendon**

**Market Harborough, Leics. LE16 8NE**

**Option 2 - Online application with payment by Electronic Bank Transfer.**

Payments are also accepted by Electronic Bank Transfer (EBT) in which case it is not necessary to complete an Option 1 form. To do this simply email your application for 2019/20 Branch Membership to [loughborough@aerosociety.com](mailto:loughborough@aerosociety.com) stating that you have paid by EBT. The RAeS Loughborough Branch bank details are:

Bank: Lloyds Bank – Loughborough Branch.

Bank Sort Code: 30-95-21

Account Number: 01046651

Account Name: The Royal Aeronautical Society Loughborough

**Please ensure that you include your surname and initials together with the subscription title (Branch Member 2019/20) as a reference in the transfer.**