IMechE Aerospace North West

Meeting Minutes

A meeting of the IMechE Aerospace North West committee was held on Monday 2nd December 2019 at at David Lloyd Club, Chorley. The meeting commenced at 18:30 till 20:30.

<table>
<thead>
<tr>
<th>Chairman</th>
<th>David Entwistle</th>
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<tbody>
<tr>
<td>Vice Chairman</td>
<td>Vacancy</td>
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<tr>
<td>Immediate Past Chairman</td>
<td>Paul Gardner</td>
</tr>
<tr>
<td>Hon Secretary</td>
<td>Rebecca Donald-Lopez</td>
</tr>
<tr>
<td>Hon Treasurer</td>
<td>Manuel Donald-Lopez</td>
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<tr>
<td>Committee members</td>
<td>Martin Baxter</td>
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<td></td>
<td>Billy Beggs</td>
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<td></td>
<td>Ivan Dean</td>
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<td>Martin Hyman</td>
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<td>Andrew Medd</td>
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<td>Thurai Rahulan</td>
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<td>Clive Winby</td>
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1 Attendees

Martin Baxter (MB) BAE SYSTEMS
David Entwistle (DE) BAE SYSTEMS / Chairman IMechE ANW
Paul Gardner (PG) Safran Nacelles / Past Chairman IMechE ANW
Thurai Rahulan (TR) University of Salford / Royal Aeronautical Society
Clive Winby (CW) SILCOMS Ltd.

2 APOLOGIES WERE RECEIVED FROM

Ivan Dean (ID) Past Chairman IMechE ANW
Rebecca Donald-Lopez (RDL) BAE SYSTEMS / Hon Secretary IMechE ANW
Martin Hyman (MH) Business Consultant
Andrew Medd (AM) IMechE Education Advisory Group
3 MINUTES FROM THE LAST MEETING

The minutes from the last meeting held on 11th November were agreed as a true and accurate record.

4 REVIEW OF ACTIONS FROM LAST MEETING

4.1 Rebecca Donald-Lopez to send email to the region to encourage new members.

   Action Carried

4.2 David Entwistle took an action to confirm a date for the Solar Hale lecture with Paul Brooks.

   David Entwistle reported that Paul Brooks, Prismatic MD, has agreed to present a talk on Tuesday 18th February 2020 on PHASA-35 (35m wingspan Persistent High Altitude Solar Aircraft), a Solar-powered electric HALE (high altitude long endurance) UAV.

   Action Complete

4.3 Thurai Rahulan took an action to book the room once the speaker has confirmed the date.

   Action Complete

4.4 Billy Beggs to Confirm with Dr Darren Ansell Date for Demining In Cambodia

   Rebecca Donald-Lopez reported that Billy Beggs had sent an email confirming that Dr Darren Ansell (Academic Lead for Aerospace Engineering at UCLAN), has agreed to present a talk on Demining in Cambodia. https://www.uclan.ac.uk/news/high-street-drones-help-cambodia-armed-forces.php. Billy asked when we want to hold it, Rebecca replied with suggested dates of 28, 29 or 30th January 2020. Billy said that they can host the event in the newly opened EIC (Engineering Innovation Centre).

   Action: Rebecca to find out which date is suitable and book the room.

   Rebecca suggested we ask if we can hold a future committee meeting at the new EIC at UCLAN. Paul Gardner reported that he has had a tour and that it’s an excellent facility.

   Action Carried

4.5 David Entwistle Took an action to make enquires regarding a lecture on Human Factors.

   David reported that he had contacted Baines Simmons who seemed amenable to the idea of an event. David Entwistle suggested we hold this event in March. He took an action to confirm a date in March with Baines Simmons. UCLAN was suggested as the venue as Preston is easier to get to from down south.

   Action: David Entwistle to firm up speaker arrangements and timing.

   Action Carried
4.6 David Entwistle Took an action to draft a one page summary of the committees activities to be included in the November Lancashire Area newsletter. David has prepared a page of information for inclusion in the next Lancashire Area Newsletter; he reported that he would include an event write up of the recent Rolls-Royce visit. David confirmed that the Newsletter is sent out twice a year, but not who it’s sent to.

**Action Carried**

4.7 David Entwistle to enquire about a visit to MBDA.

David has had a response from MBDA and they are looking into it.

4.8 David Entwistle and Rebecca Donald-Lopez took an action to look at the event attendee records system and enter the attendee numbers for our recent events.

**Action Carried**

5  **EVENTS & ACTIVITIES PROGRAMME - 2020**

The preferred day for events to be held is a Tuesday.

5.1 **Demining in Cambodia**

Title: Demining in Cambodia  
Speaker: Dr Darren Ansell, Aerospace Engineering Lead, UCLAN  
Date: 28/29/30 January 2020  
Venue: EIC, UCLAN  
Time: 18:00 for 18:30  
Organiser: Rebecca Donald-Lopez/ Billy Beggs


5.2 **Synthetic Jet Fuels**

Title: Synthetic Jet Fuels  
Speaker: Manuel Donald-Lopez  
Date: TBD January 2020  
Venue: Canberra Club, Samlesbury  
Time: 18:00 for 18:30  
Organiser: Manuel Donald-Lopez
5.3 **PHASA-35**

Title: PHASA-35 Solar HALE UAV  
Speaker: Paul Brooks, Prismatic MD  
Date: Tuesday 18 February 2020  
Venue: Salford University, Room B2 Newton Building  
Time: 18:00 for 18:30  
Organiser: David Entwistle/ Thurai Rahulan

See action 4.3.

5.4 **Human Factors**

Title: Human factors  
Speaker: Baines Simmons  
Date: TBD March 2020  
Venue: UCLAN  
Time: 18:00 for 18:30  
Organiser: David Entwistle

See action 4.5.

5.5 **Other Events**

Martin Hyman suggested we organise a visit to the Amazon warehouse at Bolton, which although not directly related to aircraft production, the logistic support organisations may benefit.

6 **ANY OTHER BUSINESS**

6.1 **Mentor Training Day**

David Entwistle attended a mentor training ½ day with Emma Guy that was quite informative to help people become registered; David took an action to send out the training pack for information. It gives the “mentor”/ individual an idea of what is required.
7 DATE OF NEXT MEETING

Monday 13th January 2020 – at David Lloyd Club, Chorley, 18:15.

8 DATE OF PROPOSED IMECHE COMMITTEE MEETINGS 2020

- Monday 13 January 2020
- Monday 24 February 2020
- Monday 30 March 2020
- Monday 11 May 2020
- Monday 22 June 2020
- Monday 14 September 2020
- Monday 19 October 2020
- Monday 7 December 2020

Minutes taken by:
Rebecca Donald-Lopez
Hon Secretary IMechE Aerospace North West
2nd December 2019
**Appendix 1**

**IMechE ANW 2020 Programme**

* TUESDAY is the preferred day for events to be held

<table>
<thead>
<tr>
<th>DATE</th>
<th>TIME</th>
<th>VENUE</th>
<th>TITLE</th>
<th>LECTURER</th>
<th>ORGANISER</th>
</tr>
</thead>
<tbody>
<tr>
<td>28/29/30 Jan 2020</td>
<td>18:00 for 18:30</td>
<td>EIC, UCLAN</td>
<td>Demining in Cambodia</td>
<td>Dr Darren Ansell, Aerospace Engineering Lead, UCLAN</td>
<td>Rebecca Donald-Lopez/ Billy Beggs</td>
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<tr>
<td>TBD Jan 2020</td>
<td>18:00 for 18:30</td>
<td>Canberra Club, Samlesbury</td>
<td>Synthetic Jet Fuels</td>
<td>Manuel Donald-Lopez</td>
<td>Manuel Donald-Lopez</td>
</tr>
<tr>
<td>Tuesday 18 Feb 2020</td>
<td>18:00 for 18:30</td>
<td>Salford University, Room B2 Newton Building</td>
<td>PHASA-35 Solar HALE UAV</td>
<td>Paul Brooks, Prismatic MD</td>
<td>David Entwistle/ Thurai Rahulan</td>
</tr>
<tr>
<td>TBD March 2020</td>
<td>18:00 for 18:30</td>
<td>EIC, UCLAN</td>
<td>Human factors</td>
<td>Baines Simmons</td>
<td>David Entwistle</td>
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<td>TBD April 2020</td>
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<td>TBD May 2020</td>
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<tr>
<td>TBD September 2020</td>
<td>07:00-15:00</td>
<td>Broughton</td>
<td>Airbus A350 line Visit</td>
<td>N/A</td>
<td>David Entwistle</td>
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<tr>
<td>TBD October 2020</td>
<td>18:00 for 18:30</td>
<td>Rolls Royce Barnoldswick</td>
<td>Rolls Royce Visit</td>
<td>N/A</td>
<td>David Entwistle/ Murat Islam</td>
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http://nearyou.imeche.org/near-you/UK/North-Western/Aerospace-North-West