



ROYAL AERONAUTICAL SOCIETY

Loughborough Branch

Minutes of the Annual General Meetings held on Tuesday 10th May 2022*

*Because of the Covid 19 restrictions, the meeting was held via Microsoft Teams. Participants were required to log into the meeting using their own computers.

Attendees (15):**

Jim McGuirk, John Ollerhead, Steve Hogarth, Melvyn Reynolds, Derek Cranage, Colin Moss, Vipran Kannan, Tom Parkinson, Daniel Nutt, Adrian Spencer, Harry Entwistle, Tony Irwin, Robert Harding, John Newton + one other (name lost).

**A minimum of 10 required to be quorate.

1. Apologies for Absence

There were none.

2. Minutes of AGM held on 11th May 2021

A full copy of these minutes is available on the RAeS Loughborough Branch website. Only significant items were noted during the present meeting:

- 2.1 2020-2021 season of lectures was undertaken with the Covid 19 pandemic constraints still in place.
- 2.2 All lectures given via MS Teams. 8 lectures out of 10 delivered.
- 2.3 Post Meeting note- Teams lecture attendance estimated at 85 per lecture on average.
- 2,3 The Loughborough Branch finances are in good order. Points to note are:
 - 2.3.1 62 Branch Members;
 - 2.3.2 No HQ subvention;
 - 2.3.3 Savings in room booking costs;
 - 2.3.4 Annual Excess of Income over Expenditure £1706.
- 2.4 Initiatives identified:
 - 2.4.1 Expand N E Rowe Young Persons Lecture Competition;
 - 2.4.2 Need to recruit new Committee Members;
 - 2,4,3 Arrange annual visit to Roll-Royce, Derby;
 - 2.4.4 Develop stronger ties with Loughborough University Aeronautical and Automotive Engineering (AAE) Dept.;
 - 2.4.5 Recruit RAeS Young Persons representative onto Committee.

3. Matters Arising from 2021 AGM Minutes

- 3.1 N E Rowe Young Persons Lecture Competition continued but no joint session as yet with Rolls-Royce.
- 3.2 Committee expanded by 5 persons including 1 member of Loughborough University AAE staff and 1 Young Persons representative.
- 3.3 Branch finances – Impact of hybrid live/Teams lectures to Branch Membership subscriptions to be reviewed.

4. Secretary's Report

4.1 Planning for the October 2021 to June 2022 Season began in January 2021. The aim was to book a programme of lectures which covered a wide variety of topics and thereby satisfied the varying interests of a maximum number of potential lecture attendees.

4.2 Table 1 Sheets 1 and 2 list the resultant lectures booked for the 2021-2022 Season. Details of all lectures are available on our website including a number of lecture write-ups and video recordings

4.3 The Season started with Covid 19 pandemic restrictions in place, although these were relaxed progressively as the season progressed.

4.4 All lectures have been given in hybrid format, i.e. via MS Teams and "live" to an audience in a Loughborough University lecture theatre.

4.5 Lecture attendance is estimated to have been, on average approximately 100 persons in total per lecture split approximately 50%/50% live/online.

4.6 1 lecture was cancelled (7th December 2021) because lecturer was a close Covid 19 contact.

5. Treasurer's Report

Income and Expenditure

5.1 Refer to Table 3 for the 2021/22 Income and Expenditure Accounts. The Table shows:

5.1.1 The RAeS Grant/Subvention was £1375 for the 2021/22 Season. Note that it is not £0 as the RAeS HQ's Financial Year runs from January to January unlike the RAeS Loughborough Branch's Year which runs from May to May. Hence the £0 Grant/Subvention claimed for 2021 is only reflected in part by the Branch's 2021/22 Season Accounts.

5.1.2 Donations collected at lectures are very much reduced. Similarly Branch Membership numbers reduced from 62 to 47 and only after an appeal was sent out. This situation has continued throughout the Covid 19 pandemic and is a point of concern. Potentially it represents a loss of income of several hundred pounds.

5.1.3 . The accounts show a £1600 lecture theatre hire charge from Loughborough University. Part of this amount is due late invoicing on the part of the University for 2020/21 Season lecture theatre hire.

Bank Balances

5.2 Refer to Table 4 for Statement of Bank Balances:

5.2.1 These show a healthy funding reserve with which to commence the 2022/23 Season.

5.2.2 N.B. Copies of the Branch's bank statements are now sent to RAeS HQ every month.

Accepting Treasurer's Report

The Treasurer's Report was Accepted Nem Con.

6. N E Rowe Young Person's Lecture Competition

2020/21

6.1 In recent years the RAeS Loughborough Branch has not participated in the RAeS's N E Rowe Young Persons' Lecture Competition. This changed for the first time in the 2019/20 season. In the 2020/21 season entry was again restricted to Loughborough University Aeronautical Engineering students taking Propulsion Design for the Environment module.

6.2 Loughborough University preliminary session were held in April 2021 and the final session in June 2021, both via TEAMS.

6.3 The Branch Winner:(£100) was Nathan Drury with his lecture on "Open Rotors" and the Runner-Up (£50) Zack Seymour with his lecture "UAV Design/Flight Control".

2021/22

6.4 For 2021/22 the competition has been opened up to all Loughborough University Aeronautical Engineering students preparing their Final Year Project presentations.

6.5 A TEAMS based Loughborough University preliminary session was held on 27th April 2022 and an in person/TEAMS-based final is scheduled 15th June 2022 jointly with Rolls-Royce, Derby.

7. Recent Branch Survey

7.1 Recently, a Branch Survey was dotmailed (emailed via dotdigital) to all persons on the RAeS HQ's Loughborough Branch mailing list who had indicated an interest in the Loughborough Branch's activities. The intention was to survey opinion on the effectiveness of Branch publicity as recently conducted. The mailing list currently totals 880 persons, but in fact only 40% opened the dotmailed message.

7.2 Only 96 persons (27%) opened the survey and 40 returned a completed surveys were returned.

7.3 Our conclusions are:

7.3.1 The reasons for the low response are difficult to interpret. Have we received data from a sufficiently large sample of our "customers? Are we getting the views of minority/most avid?

7.3.2 Lecture and other communication – dotmail announcements most popular, then brochure, then website.

7.3.3 Strong preference for hybrid lectures.

7.3.4 If online presentations were dropped most would continue attending live lectures although a third only in exceptional circumstances

7.3.5 Mainstream topics most popular (military a/c, civil a/c, propulsion), then rotorcraft then space.

2/3rds of responders make significant use of the website - mostly to check on lecture dates. However, >1/2 read lecture reports and/or watch lecture videos.

7.3.6 Unclear who is on the dotdigital mailing list and why. This list is under the control of RAeS HQ. We are currently discussing better access for Branch to improve advertising and communication (and understand Branch finance model).

8. Election of Officers

Nominations for 2022/23 Season were:

Standing for re-election:

Chairman:	Prof. Jim McGuirk*
Secretary:	Colin Moss*
Assistant Secretary	Dr. John Ollerhead*
Treasurer:	Stephen Hogarth*,
Meetings Secretary:	Dr. Vipran Kannan*
Programme Secretary	Goff Tearle*
Visits Secretary	John Newton*

Committee Members:

Roger Allton, ANOther (RAeS Young Persons' Network Rep.), Tony Irwin*, Dr. James Knowles, Daniel Nutt, Dr. Adrian Spencer* George Walker (LU Velocity Soc. Chair)

N.B. Derek Cranage and Gerry Elloy* were not standing for re-election.

*RAeS members.

All those nominated were elected Nem Con.

Any Other Business

There was none.

Colin Moss MRAeS, Branch Secretary

References

1. RAES1081 Loughborough Branch AGM Minutes 2020-2021 Iss. 2 11_05_2021.

RAES1096 Iss.3 10/05/2022

Dates	Lecture	Lecturer
Tuesday 12th Oct. 2021	Previewing the James Webb Space Telescope	John Thatcher CEng MRAeS, Ex Project Manager for the JWST Mid-Infrared Instrument delivered by Airbus Defence & Space, Stevenage
Tuesday 2nd Nov 2021	Tempest – New Technologies, New Partnerships	Michael Christie, Director, Future Combat Air Systems, BAE Systems
Tuesday 16th Nov 2021 Elfyn Richards Prestige Lecture	Decarbonising Aerospace – Net zero CO	Dr Mark Taylor, Rolls-Royce
Tuesday 7th Dec. 2021	Practical zero-emission aviation through hydrogen-electric propulsion .	Julian Renz, ZeroAvia Project Manager HyFlyer Project and Business Development Lead (lecture cancelled because lecturer had to self isolate because he was a close Covid 19 contact)

Table 1 Sheet 1 of 2 - 2021_22 Season Programme

Dates	Lecture	Lecturer
Tuesday 18th Jan 2022	Miles M52	Mike Hirst, RAeS Loughborough Branch Committee Member
Tuesday 8th Feb 2022	The RAF's P-8A Poseidon Force	Jim Beldon, ISTAR Deputy Force Commander, ISTAR FHQ, Hangar 4, Royal Air Force Waddington, Lincoln, LN5 9NB
Tuesday 22nd Feb 2022	Electric Flight	Dr. Guy Gratton, Aerospace Integration Research Centre, Cranfield University
Tuesday 15th March 2022	Air Accident Investigation Branch	Peter Coombs, ex AAIB
Tuesday 3rd May 2022	Engine Power – Where will it come from in the Future?	Conrad Banks, Rolls-Royce
Tuesday 14th June 2022	Loughborough Univ. MEng Final Year Aircraft Design Projects – series short lectures	Final Year MEng Students from the Loughborough University Department of Aeronautical and Automotive Engineering

Table 1 Sheet 2 of 2 - 2021_22 Season Programme

INCOME and EXPENDITURE ACCOUNT	2020/2021	2021/2022
INCOME	£	£
1. Grant/Subvention	2200.00. (1)	1375.00
2. Subscriptions – Branch Members	35.00. (2)	705.00
3. Donations (collections at lectures)	-	95.83
4. Interest on capital account	1.36.	.60
5. IMechE contribution for two nominated lectures.	-	280.55
Total	2236.36.	2456.98
EXPENDITURE		
1. Lecture expenses (travel, accommodation, hospitality)	100.00	1020.35
2. LU 020 hire.	-	1600.00. (3)
3. Secretarial, publicity, programmes.	21.96	178.00
4. Website/Domain costs	187.04	152.93
5. Awards – N.E. Rowe	220.94	150.00
6. Long Service award + hospitality (F. Maccabee).	-	151.00.
7. Young Members Network attendance at RAeS HQ meeting	-	79.20
Total	529.94	3331.48

Notes:

- 1 We waived Subvention for season 2019/2020. Full year subvention for season 2020/2021 paid late. Projected full figure for calendar year 2022 to be £2750 of which we have received in March '22 £1375 and expect a further £1375 to be paid in October '22.
- 2 Paid in error and carried over to season 2021/2022
- 3 Late accrual presentation by LU for season 2019/2020 (£700 for reduced number of lectures) Full season 2021/2022 (£900). There were no room hire costs for 2020/2021 season.

Table 2 – Income and Expenditure Account

Brought forward balances		£
Current Account	1 st May 2021	4779.64
Capital Account	1 st May 2021	6007.55
	Total	10787.19
Deduction for season 2021/2022.		(874.50)
Represented by Balances		
Current Account	1 st May 2022	3904.54
Capital Account	1 st May 2022	6008.15
	Total	9912.69

Table 3 – Statement of Bank Balances