



THE COMBUSTION INSTITUTE

(British Section)

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**MINUTES OF THE COMMITTEE MEETING held at
11.00 am, Wednesday, 18th May, 2011, at Queens' College, Cambridge**

Present:

Prof. A.N. Hayhurst	(ANH) Chairman
Prof. S. Hochgreb	(SH) Hon. Sec.
Dr. K.J. Hughes	(KJH) Mem. Sec.
Prof. W. P. Jones	(WPJ)
Prof. Y. Hardalupas	(YH)
Dr. R. Cracknell	(RC) Treasurer

1. Apologies for absence

Apologies for absence were received from Tony Griffiths, John Griffiths, Guillermo Rein, Richard Stone, Bryn Jones, Peter Lindstedt and Nondas Mastorakos. Peter Gray is recovering at home from a stroke. **ANH** will send him a get-well card on behalf of the committee.

2. Minutes of the Meeting of 19th January 2011 and matters arising

The minutes were corrected, because Roger Cracknell attended.

2.1 Combustion image initiative: After the committee considered commissioning someone to do the work, **SH** offered to write a draft article during her sabbatical leave in 2012. The offer was accepted.

2.2 Interaction with HMG: **SH** will remind **EM** to convene his committee to discuss how The British Section might advise and interact with various government bodies on energy matters.

2.3. Rules for The Board of Directors of The Combustion Institute. ANH had written to Pittsburgh about the tenure of directors. The president, Charlie Westbrook, replied, suggesting various options. The committee agreed that **ANH** will recommend to Pittsburgh that Directors' tenure should become one 6-year, non-renewable term. The committee also noted that the Institute's by-laws seem to stipulate that nominations of new Directors be made either by Board-members to a nominating committee, or from the floor during a public

election meeting at a Symposium. In practice, the latter route had not been used for some time, so the Board has been selected *sui generis*, *i.e.* undemocratically, for some time. **ANH** agreed to write to Pittsburgh, suggesting that the rules for making nominations be reviewed to make the process more open and democratic. One possibility might be that nominations for membership of the Board be made by sectional chairpersons, but supported by say the signatures of 6 other members. Indeed, these chairmen could constitute the body, which actually elects new members of the Board, e.g. by e-mail. One possibility might be that the number of votes per Chairman is equal to the number of members in that particular section during the previous year.

3. Correspondence

None had been received.

4. Finance

Our total assets have increased by 1.5 k£ since the last meeting. Some members have not yet cancelled their old arrangements for direct debit, thus paying their membership fee twice. **KJH** will e-mail those affected. The Treasurer presented data on the cost of life-membership of other organisations. The committee decided to offer life-membership to those aged over 60 at a cost of 25 times the annual retired membership, *i.e.* now $25 \times \text{£}15 = \text{£}375$. This will be advertised on a revised membership form, to be updated by **KJH**. For those under the age of 60, life-membership will only be offered to those requesting it, at 25 times the regular membership, *i.e.* now $25 \times \text{£}30 = \text{£}750$.

5. Membership

At present there are 222 paid-up members; **KJH** is pursuing the payments of 41 others.

6. Awards.

The following committees are currently standing. The deadline for making new awards is **31 July, 2011**:

6.1. Hinshelwood Prize

BJ (Chair), **GM** and **GR**. One application was received; Salvador Navarro-Martinez will be awarded the prize at the AGM in Leeds on 6th September, 2011.

6.2. Sugden Award

YH (Chair), **EM**, Markus Kraft. Papers have been circulated. **SH** will send the rules to **YH**; they are also available on the web.

6.3. Gaydon Award

RS (Chair), **WPJ**, **RS Cant**. **WPJ** has withdrawn from the committee, which has co-opted Prof. Bowen in his stead. There are problems with the current rules, because now presentation at the Symposium is considered separately from publication in the Proceedings. It was agreed that **SH** will ask the present committee to suggest revisions of the rules to be approved at the next AGM.

6.4. Travel Awards

Seven people requested travel awards; six were awarded of £250 each.

7. Newsletter

JG is planning to release the next newsletter in June.

8. Meetings

8.1. ECM 2011 Cardiff

WPJ reported on the organization of the ECM, which has proceeded smoothly, thanks to a very good team at Cardiff. Altogether 408 abstracts were received and 407 accepted. Subsequently 15 papers were withdrawn. To date 316 papers have been received; the others are being chased. The schedule for the poster sessions is currently being prepared. Some sponsorship has been raised and 7 firms will mount exhibitions. Two satellite

meetings, one before and one after the ECM, are being organized.

8.2. Meeting on Clean Coal at Leeds

The meeting has been scheduled for 6th September 2011 and is being organised by Profs Williams and Pourkashanian, as well as **KJH**. Possible speakers were mentioned: Allan Jones, Jim Harrison, Allan Hayhurst, Paul Fennell (Imperial), John Dennis (Cambridge, chemical looping), Jim Swithenbank (Sheffield), Colin Snapes (Nottingham), some of the Leeds people, someone from Drax, Jon Gibbins (Edinburgh), but there ought to be someone talking about oxy-fuel firing, taking care to flush out all those in the UK working on coal. **SH** and **KJH** should aim to advertise the meeting broadly, e.g. via The Coal Research Forum, British Flame, The Energy Institute and other related organizations.

8.3. Meeting on laser diagnostics at Imperial College

The proposed meeting on laser diagnostics will be organized by YH; it will be at Imperial College during Spring, 2012.

8.4. Combustion Symposium, Warsaw

The dates of the Symposium are still not set on the website; but have been advertised as 29 July - 3 August, 2012.

8.5. Future Automotive Engines and their Fuels

This meeting (+ AGM) is scheduled for late September, 2012; it will be organised by **RS** and **RC** and held in Oxford

9. IOP

A meeting on Combustion Modelling for Challenging Application [sic] is to be held on 23rd May 2011. Also the Young Researchers Meeting is planned for 14th September in Loughborough. This will include a poster competition; an award for services to the combustion community will be given to Brian Spalding.

10. Website

GR has fixed the problems on the website; the committee expressed appreciation for the new blog.

11. International and external affairs.

None were raised.

12. Combustion and Flame

A question arose as to why there is a long delay (currently some 6 months) between the dates of electronic and paper publication.

13. Directors' Business of the Combustion Institute

See matters arising, item 2.3.

15. Any Other Business

Elections: Six members of the committee are due to step down this summer, with three eligible (GR, GM and RS) for re-election and three (RC, WPJ and KJH), who are not. To spread out more evenly our elections to the committee, it was agreed that KJH and WPJ be co-opted for one year. This means that before the next AGM, elections will be held for 4 vacancies. It was reported that Trevor Davis, from Shell at Thornton, is willing to stand for election and also to serve as Treasurer. In the event that he is elected, RC will pass on his duties to him, whilst attending the first meeting in October. If not, RC agreed to be co-opted for a year to ease a new Treasurer into position. A proposal will be made at the next AGM to amend the Rules to formally increase the number of elected members from 6 (at present we, in fact, appear to have 8) to 9, to aim for 3 people being elected to the committee every year. **SH** and **KJH** will send out a note reminding members of this year's elections to the

committee and encouraging nominations.

ANH reported that he intends to retire as Chairman, immediately after the next meeting of the Committee.

16. Date of Next Meeting

5 October 2011, in the Old Kitchens at Queens' College, Cambridge.