



# THE COMBUSTION INSTITUTE

(British Section)

[www.combustion.org.uk](http://www.combustion.org.uk)

*Chairman:*  
Prof A N Hayhurst  
Chemical Engineering  
Department  
Cambridge University

Pembroke Street  
Cambridge CB2 3RA  
Tel: 01223 334790  
Fax: 01223 334796  
[anh1000@cam.ac.uk](mailto:anh1000@cam.ac.uk)

*Hon. Treasurer:*  
Dr. R Cracknell  
Shell Global Solutions,  
Shell Research and  
Technology Centre  
PO Box 1  
CHESTER CH1 3SH  
Tel: 0151 373 5703  
Fax: 0151 373 5052  
[roger.cracknell@shell.com](mailto:roger.cracknell@shell.com)

*Hon. Secretary:*  
Prof S Hochgreb  
Engineering Department  
University of Cambridge  
Trumpington St  
Cambridge CB2 1PZ  
Tel: 01223 764098  
Fax: 01223 764311  
[simone.hochgreb@eng.cam.ac.uk](mailto:simone.hochgreb@eng.cam.ac.uk)

*Membership Secretary*  
Dr. K.J. Hughes  
School of Chemistry  
University of Leeds  
LEEDS LS2 9JT  
Tel: 0113 3436486  
Fax: 0113 3436565  
[K.J.Hughes@leeds.ac.uk](mailto:K.J.Hughes@leeds.ac.uk)

## MINUTES OF THE COMMITTEE MEETING HELD at 11.00 am, Wednesday, 14<sup>th</sup> October, 2010 at Queens' College, Cambridge

Present:

Prof. P. Gray	(PG)
Prof. Y. Hardalupas	(YH)
Prof. A.N. Hayhurst	(ANH) Chairman
Prof. S. Hochgreb	(SH) Hon. Sec.
Dr. K.J. Hughes	(KJH)
Mr B. Jones	(BJ)
Prof. W. P. Jones	(WPJ)
Prof. R. Stone	(RS)
Prof. E. Mastorakos	(EM)

### 1. Welcome and Apologies

Apologies for absence were received from G. Makhviladze (GM), A.J. Grittiths (AJG), J. Griffiths (JG), R. Cracknell (RC) and G. Rein (GR). Nondas Mastorakos was welcomed on his first attendance.

### 2. Minutes of the Meeting of 13 May 2010 and matters arising

The minutes were approved as correct.

#### Matters arising

- 2.1. **Presentation to Chris Morley:** RC will produce a note and a photograph of the presentation to appear in the Newsletter.
- 2.2. **Notes on future meetings:** SH is maintaining an updated set of instructions and notes to be passed to the organizer (KJH) of the next meeting and those following afterwards.

### 3. Correspondence

A request had been received to co-sponsor an IMechE meeting on engines, as well as the IoP meeting (see below) last September. Both had been agreed, and notices sent out to all members.

ANH wrote to Pat Dixon-Lewis on learning of Graham's death. He also represented the section at Graham's funeral. Many members from Leeds were also present; Derek Bradley gave a witty and moving appreciation of Graham and his work.

#### 4. Finance

The treasurer could not attend, so no report was made of our financial situation.

#### 5. Membership

KJH tabled new figures on membership, currently at 253 members (80 students).

#### 6. Awards.

The following new committees were constituted:

##### 6.1. Hinshelwood Prize

BJ (Chair), GM and GR.

##### 6.2. Sugden Award

YH (Chair), EM, Markus Kraft, but maybe co-opting A.N. Other, if necessary.

##### 6.3. Gaydon Award

RS (Chair), WPJ, RS Cant, co-opting A.N. Other, if necessary.

**Action:** **SH** to confirm membership with all, especially those invited non-members of this committee. A reminder will be sent about the deadline of **31 July 2010** for all these awards.

#### 7. Newsletter

The newsletter will be published in the next couple of months with reports from the meeting in Beijing. **Action:** **KJH** will contact JG about the possibility of circulating the newsletter electronically.

#### 8. Meetings

##### 8.1. Beijing Symposium

ANH described issues raised at various meetings at the last Symposium in Beijing. Such matters included the length of tenure of directorships (currently 2 periods of 6 years each) and also that the Board of Directors did not reflect where the Institute's members actually live. Thus a retiring American Board member was replaced by an American and an Italian by an Italian. Paul Fennel had pointed out that the UK was at the bottom of the league table for the percentages of submitted papers, which were eventually accepted. ANH had encouraged him to write about the topic for the Newsletter.

ANH described the excellent UK presentation by WPJ to the Board of Directors for the 2016 Symposium to be hosted by Imperial College, in competition with Seoul. These two bids will be considered by the Board at the next Symposium in Warsaw.

##### 8.2. Autumn Meeting and AGM 2010 (at Engineering Department, Cambridge)

The meeting was attended by 63 members, and made a handsome net profit of £1789.92, details of which will follow. The surplus was made possible, because of a generous contribution from the Marie-Curie AETHER network. The meeting was very stimulating, with excellent speakers from inside and outside Cambridge. YH suggested that Imperial College might be able to organize another Marie-Curie joint meeting on Laser Diagnostics in about a year; YH will investigate the matter.

**AGM: on the issue of improving the image of combustion science:** A working party was formed of: EM, RS, ANH, an industrialist (e.g. from Rolls-Royce or Doosan Babcock) and Paul Fennel but co-opting A.N. Other, if necessary. The group will write to the Minister of Energy, requesting a meeting. Beforehand EM will convene a meeting of the group to argue that combustion science has been neglected in favour of other technologies (e.g. wind) with less direct impact on the UK's needs and economy.

### 8.3. Future Meetings

**8.3.1. ECM 2011 Cardiff:** ANH was concerned that the deadline for abstracts had been extended by 1 month, but with no announcement of the extension.

All members of the committee were requested to send the names of any potential sponsors to ANH, who will liaise with AJG. WPJ is confident that the team at Cardiff are on-top of the organisation, in spite of a lapse in communication.

The volume containing the papers for ECM2011 ought to have an ISBN number. That for the British Section's last publication was ISBN 0 9520350 0 6. **ANH** will find out how this was obtained.

#### 8.3.2. Future meetings

Clean Coal & AGM (Leeds, tentatively agreed for 21 Sep 2011): Alan Williams, M. Pourkashian and KHJ will be the organizers.

The following extra meetings were agreed:  
Laser Diagnostics for Combustion (Imperial College, Dec 2011 or Spring 2012). Organizer: YH, jointly with Marie Curie network meeting.

Future Automotive Engines and their Fuels (Spring 2012 or later): RS with help from Roger Cracknell.

### 9. IOP

A meeting was held at Heriot-Watt University (29 Sep 2010), Edinburgh, on Emerging Technologies in Combustion, carbon capture and sequestration.

### 10. Website

British Library have offered to archive the CIBS website. The committee approved this idea.

### 11. International and external affairs.

None.

### 12. Combustion and Flame

EM reported that Phillipe Dagaut had replaced Katharina Kohse-Höinghaus as Editor of CNF. The editors had been under some pressure to publish more papers from East Asia, but the quality had turned out to be weak. EM encouraged people help their Asian colleagues to write better papers.

ANH enquired if CNF had stopped its former practice of publishing book reviews. EM agreed to investigate and suggested 'Sustainable Fossil Fuels', by M. Jaccard as a possibility. Given that the publishers provide a copy of a book gratis, **ANH** volunteered as a possible reviewer.

### 15. Any Other Business

None.

### 16. Date of Next Meeting

Wednesday 19<sup>th</sup> January 2011 in the Old Kitchens at Queens' College, Cambridge.