



# THE COMBUSTION INSTITUTE

(British Section)

www.combustion.org.uk

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## ANNUAL GENERAL MEETING

**12.45 pm, 18<sup>th</sup> September 2008**  
**Fitzwilliam College, University of Cambridge.**

### Attended by:

R Boyce	RP Lindstedt	G Kalghatgi	C R Stone
B Williams	N Morgan	C Gardner	K Luo
S Ahemed	RM Davis	AJ Smallbone	R Woolley
J Etmeridge	S Mossbach	S Navarro-Martinez	S Rigopoulos
P Richards	M Kraft	D Smith	R Cracknell
A Hayhurst	Y Wu		

Professor Hayhurst chaired the Annual General Meeting 2008.

### 1. Apologies for Absence

Apologies for absence were received from M. Brown, K J Hughes, J Griffiths and C Morley.

### 2. Minutes of the AGM, 26<sup>th</sup> September 2007 at Imperial College

The Minutes were signed as a correct record.

### 3. Matters arising

No item was discussed.

### 4. Presentations of Prizes

The Chairman, Professor Allan Hayhurst presented the certificates and cash awards to the winners of the Hinshelwood and Sugden Prizes for 2007:

#### Sugden Prize

The Sugden Prize was awarded to W.P. Jones and S. Navarro-Martinez for their paper "Large eddy simulation of auto-ignition with a sub-grid PDF method", *Combust. Flame*, 150 (2007) 170-187.

#### Hinshelwood Prize for Combustion

The Hinshelwood Prize for 2007 was awarded to Dr Stelios Rigopoulos, University of Manchester.

### 5. Results of Committee Elections

There were six vacancies in the British Section's Committee. The call for nominations was sent out in June. The Committee received six nominations for membership of the committee. The nominees were:

Dr K. Hughes, Leeds University  
 Prof. W.P. Jones, Imperial College  
 Dr. Guillermo Rein, University of Edinburgh  
 Prof. R. Stone, University of Oxford  
 Prof. G. Makhviladze, University of Central Lancashire  
 Detailed information on the nominations were circulated at the AGM and are attached to these minutes.  
 The six nominations for the six vacancies on the Committee were approved by the meeting.

## 6. Chairman's Report

1. Professor Hayhurst reported on the Spring Meeting 2008 held at Leeds University on 19th March and also the 32nd International Symposium held in Montreal on August 3 – 8, 2008. He congratulated the central authorities in Pittsburgh on their success in ensuring that the de-listing of *Proceedings of The Combustion Institute* was reversed, thereby ensuring the long-term future of that well-known and respected publication.
2. The ECM 2009 will be held in Vienna on 15-17 April, 2009. The British Section will host ECM 2011 in June/July 2011 at Cardiff.
3. All members of The British Section were asked to suggest a topic for future one-day meetings to a member of the Committee.
4. On coming to the end of her period of office, Yajue Wu, the secretary, was thanked most warmly for all her very hard and successful work. Also Jose Torero was thanked for his work on the committee.

## 7. Secretaries' Report

### Membership Report

Our membership has increased approximately 11% since this time last year, with the majority of this increase accounted for by 20 extra student members. Assuming all outstanding standing orders are received, current membership stands at 243, with 142 full members, 74 students and 27 retired members, a detailed breakdown is as follows:

	Number	%
Academics	96	39.5
Retd. Academics	21	8.6
Students	74	30.5
non-Academics	46	18.9
Retd. Non-Academics	6	2.5
Total Academics	191	78.6
Total Others	52	21.4
Total Membership	<b>243</b>	100

Currently there are 53 new members and 35 non-renewals of 2007 members. Earlier this week, those non-renewals were sent a reminder.

For members' information on membership trends, a detailed breakdown since 2000 is:

Date	retired Others	retired Academics	Students	Others	Academics	Total
<b>2000</b>	20	7	30	75	87	<b>219</b>
<b>2001</b>	21	9	15	81	68	<b>194</b>
<b>2002</b>	19	10	23	60	73	<b>185</b>
<b>2003</b>	16	13	30	54	81	<b>194</b>
<b>2004</b>	9	18	34	52	80	<b>193</b>
<b>2005</b>	9	18	47	46	94	<b>214</b>
<b>2006</b>	8	22	57	45	98	<b>230</b>
<b>2007</b>	6	23	65	47	95	<b>236</b>
<b>2008*</b>	6	21	74	46	96	<b>243</b>

\* - As of 16/9/08

The membership Secretary, Kevin Hughes, was congratulated on these splendid improvements.

## **Meetings and Travel Grants**

### **Spring Meeting 2008**

The Spring Meeting 2008 was held at Leeds University on 19th March on 'Transportation Biofuels'. The technical programme was outstanding. It was attended by 48 and made a small profit.

### **32<sup>nd</sup> International Symposium on Combustion**

The British Section of The Combustion Institute sponsored 27 members to attend the 32nd International Symposium on Combustion, in Montreal, Canada, to present a paper accepted for either oral or poster presentation. Very unfortunately the section did not have the resources to give travel grants to those presenting work-in-progress posters. This year acceptance or otherwise of a paper for inclusion in the published *Proceedings* was NOT a criterion for awarding a travel grant, which were awarded to:

Dr M Lawes, University of Leeds  
Prof. B Moss, Cranfield University  
Prof R P Lindstedt, Imperial College  
Prof W P Jones , Imperial College  
Dr. R S Cant, Department of Engineering, Cambridge  
Prof Roy J Crookes, Queen Mary University of London  
R West, Department of Engineering, Cambridge  
Paolo Pironi, The University of Edinburgh  
Prof A.N.Hayhurst, Dep't Chemical Engineering, Univ. Of Cambridge,  
Dr. Anthe George, Queen Mary University of London  
Catherine Gardner, Queen Mary University of London,  
Dr. Nilanjan Chakraborty, University of Liverpool,  
Abhijeet Raj, Department of Chemical Engineering, University of Cambridge  
Dr Salvador Navarro-Martinez, Imperial College  
Prof. Kai H. Luo, University of Southampton,  
Thomas Dunstan, Cranfield University,  
Emma Fitzpatrick, University of Leeds,  
Dr Kevin Hughes, University of Leeds,  
Prof Alison Tomlin , University of Leeds,  
Dr Stelios Rigopoulos, University of Manchester  
Dr Guillermo Rein, University of Edinburgh  
Konstantina Vogiatzaki, Imperial College  
Andrew Smallbone, Princeton University  
Dr X. Jiang, Brunel University,  
Pedro Reszka, The University of Edinburgh,  
Prof Simone Hochgreb , Department of Engineering, University of Cambridge  
Dr P.S. Fennell, Imperial College

## **8. Honorary Treasurer's report**

Detailed balance sheets are attached.

### **2007 Overview**

The 2007 accounts were audited by Mike Davies and Chris Morley, to whom many thanks.

During 2007, the accumulated funds increased by just under £2K to stand at the year's-end at just over £71K.

Normal expenses (committee secretarial, newsletter, prizes) accounted for £2966, which is consistent with previous years, in fact slightly down from 2006.

Travel grants, totalling £3150 were paid in 2007 for travel to the European Meeting in Crete.

The 2007 accounts benefited from £709.86 in net proceeds from the Dec 2006 meeting in Cambridge entitled "Combustion Technologies for Reducing Emissions of CO<sub>2</sub> to the Atmosphere"

Membership subscriptions accounted for £ 3708 of income with an additional £3545 coming from interest from the COIF fund, in which our money is invested. Both of these figures were up from 2006.

## **2008 Status and Outlook**

The continuing reasonable financial health of The British Section at the start of 2007 permitted us to award 27 grants (each of £300) to those presenting papers or posters at the ECM07 meeting in Crete. As a consequence, the accumulated funds decreased by the end of 2007.

The award of the European meeting in 2011 to Cardiff means that a healthy reserve is needed to pay deposits, etc in advance. A past treasurer of the section commented from the floor that our membership fees are very cheap.

## **9. Discussion of Any Other Business**

Dr Markus Kraft raised the issue of engaging the EPSRC with the combustion research community. The past involvement of the British Section in the EPSRC's managed programmes was discussed. This issue will be discussed in the next Committee meeting on Friday 17<sup>th</sup> October.

The decline in the number of our members working in industry was noted. It was suggested that every member makes an effort to recruit an industrial contact.

It is hoped that members will suggest (to members of the committee) topics for our future one-day meetings

Honorary Secretary Dr. Yajue Wu

18<sup>th</sup> September 2008

**Appendixes:**