



Combustion Institute (British Section)

One Day Meeting on "Soots" and AGM

Shell Technology Centre Thornton 16th September 2009

PROGRAMME

10:00-10:30: **Coffee, Registration, Posters on display**

10:30 – 10:40: Welcome and Introduction: Andrew Harrison (Shell Global Solutions)

Diagnostics

10.40 - 11.20: "Characterisation of in-cylinder soot in a high speed direct injection diesel engine using time resolved laser induced incandescence"

Lionel Ganippa: Brunel University

11:20 - 12:00: "Measuring the shape and size of carbon nano-particles".

Doug Greenhalgh: Herriott Watt

12:00 – 12:45: **Lunch and display of posters:**

12:45-13:15: **AGM of Combustion Institute (British Section):**

Modelling and Dinosaurs

13:15 – 13:55: "Soot, Dinosaurs and Life on Earth"

Claire M. Belcher University College Dublin

13:55 - 14.35: "Soot Modelling"

Markus Kraft University of Cambridge

14:35-15:00: **Tea and display of posters**

Applications

15.00 – 15.40: "Impact of diesel fuel composition on soot oxidation characteristics"

Renate Uitz, Shell Global Solutions Deutschland

15:40- 16:20: "Real-Time Sampling and Analysis of Exhaust PM under Simulated Aero-Engine Conditions"

Yura A. Sevcenco, University of Cardiff

16.20 - 17:00: "Operation of Diesel Particulate Filters"

Allan Hayhurst – University of Cambridge

17:00: **Discussion and Close**

REGISTRATION FORM: "SOOTS"

Please return completed form with payment to:

Dr R.F. Cracknell, Shell Technology Centre Thornton , PO Box 1, Chester CH1 3SH by 2nd September 2009.

Title and Name:

Address:

Telephone:

e-mail:

The fees are as follows:

Student members and Retired members, £25; Members of the Combustion Institute/ IOP £35; others, £70; includes lunch and refreshments.

My cheque for £_____ made payable to Combustion Institute (British Section) is enclosed.

Poster Session

An award will be made for the best poster displayed at the meeting. The aim of the award is to encourage high quality presentations and the exchange of information. The winning poster must have at least one author, who is a member of the British Section. The winners will be announced at the close of the meeting and subsequently receive certificates and one cheque for £100. Posters should be printed on A1 size paper.

I intend to submit a poster. Yes No (please delete as appropriate)

The Combustion Institute would like to send you information on events, conferences and publications in the future that you may be interested in.

I **would / would not** like to receive such information? (Please delete as appropriate)

Signature:

Date:

Directions:

The meeting will be held in room G2, building B40, Shell Technology Centre, Thornton, Pool Lane, Ince, Cheshire CH2 4NU, United Kingdom.

By Road: Leave M56 at junction 14 (NB: no junction 13) and follow Stanlow sign to the second set of traffic lights.

Turn right and follow signs for Shell Technology Centre Thornton (formerly Cheshire Innovation Park).

By train: Chester and Runcorn are both close. Take a taxi from the station to Shell Global Solutions.

On arrival at Shell: Report to the gate house. Security staff will check you on to the site and direct you to the venue.

For special dietary requirements or arrangements for the disabled, please contact Roger Cracknell, email: Roger.Cracknell@shell.com. Phone +44 (0)151 373 5725.