

## REGISTRATION FORM

Name: .....  
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Please register me for

### 'Reducing the Carbon Footprint of Filtration'

- £140 Non-member  
 £100 Member of The Filtration Society  
 £70 Student/Retired (proof required)

Please send information on membership of the Society:

- Individual or Student membership  
 Corporate Association

### Payment method

- Cheque enclosed for £.....  
 Credit Card: Please charge my MasterCard – Visa

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Security Code:    \_ \_ \_  
(last 3 digits on reverse side of card)

Cardholder name: .....

Expiry date: .....

Signature: .....

- Please invoice

Please send or fax this form **WITH PAYMENT** to:  
**The Filtration Society, 19 Clyst Valley Road,**  
**Clyst St Mary, Exeter, Devon, EX5 1DD, UK.**  
(fax +44 (0)1392 874398)

*Cheques should be made payable to **The Filtration Society**.  
Charges include VAT, lunch and refreshments. A VAT invoice  
will be issued on receipt of payment. The Society regrets that it  
cannot refund the registration fee if registrants cancel within 2  
weeks of the date of the meeting. Prior to that a 20%  
cancellation fee will apply.*

## ABOUT THE SOCIETY

The Filtration Society was formed in London in 1964. It is a charitable, non-profit organisation established to advance and disseminate knowledge on the design and use of filtration and separation techniques in industry, commerce and other walks of life.

Membership of the Society is available at several grades including Student and Individual levels. Corporate Association is available to companies. Membership is open to interested individuals; most members work for manufacturers and users of filtration and separation technologies, or for universities and research organisations.

The Society organises regular technical meetings that keep members up to date with advances in filtration and separation and their application and refreshes their knowledge of established technologies. Membership has many benefits which, depending on the grade, include:

- Reduced registration fee at meetings
- Networking and sales opportunities
- Regular copies of the quarterly journal FILTRATION, the official journal of the Society
- A 12½% discount on "The Dictionary of Filtration and Separation" from Filtration Solutions
- A 50% discount on "Filtration & Separation" and 15% discount on books from Elsevier

The Society currently has members in about 30 countries around the world. It has an established Trust Fund which is used to recognise distinguished contributions to filtration and separation through the award of The Gold Medal and The Suttle Award.

Further details can be found in The Filtration Society membership leaflet or on the world wide web at:

<http://www.filtsoc.com>



# Reducing the Carbon Footprint of Filtration

**4 February 2010**

**A one day international technical meeting to be held at**

**The Heath Conference Centre,  
Runcorn, UK**

## Reducing the Carbon Footprint of Filtration

World leaders are facing the challenge of the global economic crisis and the effects on GDP growth, but it dwarfs the world's greatest challenge of our time and that is the development of commercially viable engineered solutions to the problem of climate change caused by the industrial emissions of carbon dioxide (CO<sub>2</sub>).

The Stern Review, by economist Sir Nicholas Stern for the British Government concluded that climate change could have very serious impacts on industrial growth and development if no action is taken to reduce CO<sub>2</sub> and greenhouse gas emissions to the atmosphere. Stern proposes investment in the next 10-20 years will have a profound effect on climate.

Filtration is at the heart of many manufacturing processes ranging from refining raw materials, utilities supply, product separations or reducing the more traditional environmental emissions.

In turn, development of low energy filtration and separation technologies with the smallest possible carbon footprint will create significant new business opportunities. The motives are:

- cost of carbon (dioxide) capture and storage (CCS) for environmental sustainability
- increasing cost of carbon based energy
- future shortage of energy and restricted availability in some countries

With this in mind, The Filtration Society is pleased to announce the one-day international seminar on 4 February 2010 where speakers will address these challenging needs and detail some of the progress made so far.

## TECHNICAL PROGRAMME

9.00-9.30	Registration with coffee
9.30-9.45	Welcome and Introduction, Richard Wakeman, Honorary Secretary.
9.45 -10.30	"The Environmental Permitting Regime" presented by Stephen Taylor - PPC/RSR Officer – Environment Agency
10.30 -11.00	Coffee break
11.00 -11.45	"Reduction of carbon footprint in filtration with capillary action filters" presented by Bjarne Ekberg, Senior Manager Research, Larox Corporation
11.45 -12.30	"Filtration and Catalytic VOC Destruction" presented by A Smith, Chemviron Carbon Cloth Division and D McGee, Fit Infrared Ltd.
12.30-13.30	Lunch
13.30-14.15	"Optimising Resource Utilisation with Catalytic Filter Elements" presented by Andrew Startin, Clear Edge Filtration
14.15 -15.00	"High Efficiency ePTFE Membranes in APC Systems - Potential Areas for Reducing the Carbon Footprint" presented by Gernot G. Pranghofer W. L. Gore & Associates GmbH
15.00 -15.30	Tea break
15.30 -16.15	"Maximising Powder Recovery / Minimising Environmental impact with CIP bag filters" Peter Walker - Technical Manager GEA Process Engineering Ltd
16.15-16.30	Close of Technical Meeting

The Heath Conference Centre, Runcorn, is well served by a network of motorways and offers ample free car parking, and is within 20 minutes of Manchester and Liverpool International Airports.



## FORTHCOMING FILTRATION SOCIETY MEETINGS in 2010

- 11 May – Sludge Processing
- June – Technical visit
- 11 October – Short course on filter testing
- 12 October – Filter Testing 5



[www.filtsoc.com](http://www.filtsoc.com)