

16th December 2008

13:30pm

Venue

Rutherford Lecture Theatre  
Institute of Physics  
London

Registration

[http://www.britishcarbon.org/pdfs/  
CapCarb.pdf](http://www.britishcarbon.org/pdfs/CapCarb.pdf)



# BRITISH CARBON GROUP CHRISTMAS MEETING AGM & 'CAPITAL CARBON'

## The British Carbon Group



A half day meeting will be held on Tuesday 16th December at the IOP in London devoted to latest developments, future prospects and cross-fertilization between three principal domains of carbon research: diamond, graphite and nanocarbons.

**12.30 Buffet Lunch**

**13.00 AGM for BCG members**

**13.30 Welcome - Dr Gareth Neighbour**  
Chairman of BCG & University of Hull

**13.35 The 2nd Ubbelohde Memorial Lecture**  
**Prof Steve Tennison, MAST Carbon**  
*Nanoporous carbon—past, present and future:  
a personal view*

**14.15 Awards** (including winners of the 'Capturing Carbon' competition)

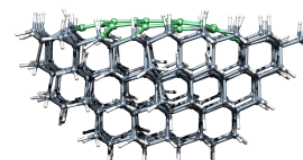
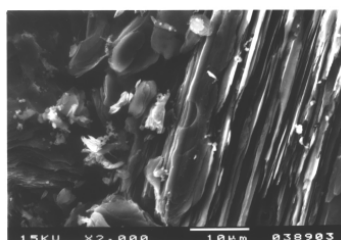
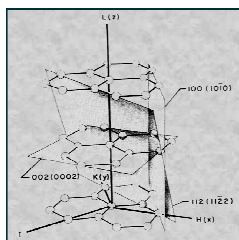
**14.25 Dr John Hutchinson (University of Oxford)**  
*Forty Years Looking at Carbon*

**15.05 Tea & Coffee**

**15.35 Dr Mhairi Gass (superSTEM)**  
*Understanding carbon nanostructures on the atomic scale*

**16.15 Dr Jonathan Goss (University of Newcastle)**  
*Diamond electronics? The thorny issue of impurity doping  
from a theoretical perspective*

**16.55 Meeting Close**



The British Carbon Group (registered charity 207890) is affiliated to The Royal Society of Chemistry, The Institute of Physics and The Society of Chemical Industry.



**RSC** | Advancing the  
Chemical Sciences **IOP** Institute of Physics

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## The British Carbon Group



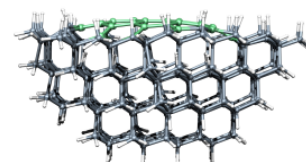
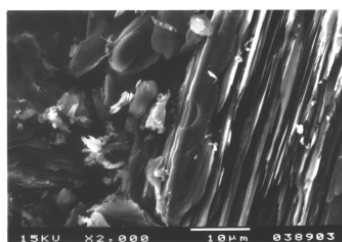
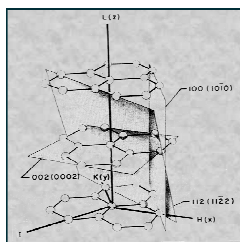
Carbon has a broad repertoire of extraordinary physical, mechanical and chemical properties, but has seldom had a starring role in the science world. It has supported metal clusters which perform feats of catalysis, lined fusion reactors, provided electrodes in large scale steel furnaces, enabled lithium ion battery technology, moderated neutrons in fission reactors, provided exceptional 'cutting' tools, ... the list is endless.

In recent times this has changed. The single sheets of graphite could be produced curved by pentagons into cage molecules (fullerenes) or rolled into carbon nanotubes. In the last decade, finite single and double sheets of graphene have been produced. It turns out that the dynamics of charge carriers in mono-layer and bi-layer graphene have extraordinary properties, deriving largely from the fact that they have zero effective mass. The future of carbon materials is bright!

This event is organized by the British Carbon Group which is devoted to the advancement of carbon science (including amorphous carbons, graphites, diamond and fullerenes). The Group organizes one or two meetings per year. Once every decade or so the Group is responsible for the organization of the International Carbon Conference, the last of which was held in Aberdeen in 2006. It was the biggest ever such conference to be held in Europe. If you are interested in carbon, become a member today!

*To contact the Group and for more information about the Group's activities, please see our website at*

<http://www.britishcarbon.org>



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