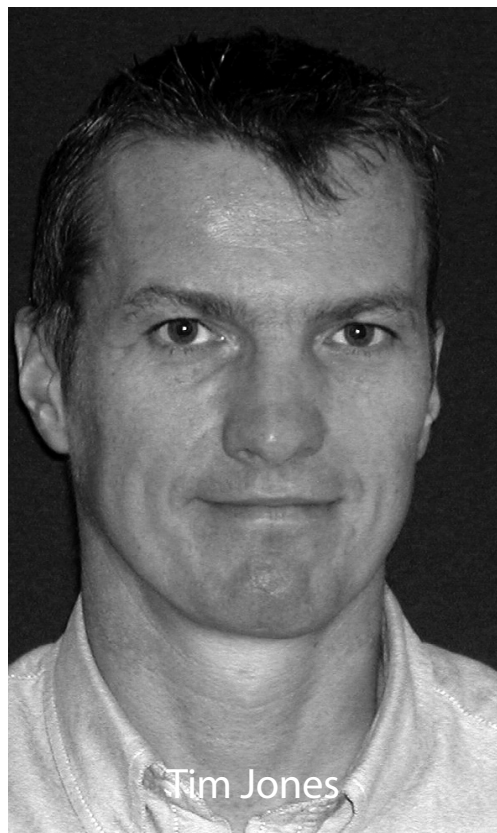


# PCCP Nanoscience and Nanotechnology themed issues

A unique and timely series of special issues from PCCP



Tim Jones



Paul Mulvaney



Philip Bartlett

Guest editors Philip Bartlett, Paul Mulvaney and Tim Jones bring you a superb mix of urgent communications, full research papers and key reviews focusing on the physico-chemical aspects of nanoscience. Published in selected printed issues of PCCP over the coming months and collected together on a dedicated webpage, explore the exciting and expanding world of nanoscience and nanotechnology with PCCP.

According to the editors, PCCP is the natural place to publish these special edition papers,

*"Our aim is to provide a snapshot of the current state of play, to highlight some of the exciting multidisciplinary work being done, to show you some of the breathtaking technology that is evolving from basic nanoscience and to illustrate that the science action is still in basic chemistry and physics."*

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# Bunsentagung

Invitation to the 106th Main Meeting of the  
**Deutsche Bunsen-Gesellschaft für Physikalische Chemie**  
 17. to 19. May 2007, Graz (Austria)

Main Theme:

## "Heterogenic New Carbon Structures"

Scientific Committee: Manfred Kappes (Karlsruhe), Wolfgang Krätschmer (Heidelberg),  
 Robert Schlögl (Berlin)

including Industry Symposium

### Scientific Programme:

#### Plenary lectures

P. Avouris, IBM Yorktown Heights, USA: (Single Carbon Nanotube Electronic and Electroluminescent Devices);

Y. Achiba, Metropolitan University Tokyo, Japan: (Growth of Fullerene Cages)

#### Progress reports

K.-P. Dinse, TU Darmstadt, Germany: (ESR Probes of Single-Walled Carbon Nanotubes);  
 L. Dunsch, IFW Dresden: (Endohedral Metallofullerenes: Structures and Properties);

R. Weisman, Rice University, Houston, USA: (Fluorescence of Single-Walled Carbon Nanotubes: from fundamentals to biological applications);

H. Shinohara, University of Nagoya, Japan: (Peapods, Endohedrals and Applications);

M. Endo, Shinshu University, Nagano, Japan: (Mechanical Properties of Carbon Nanomaterials);

C. Thomsen, TU Berlin, Germany: (Vibrational Properties of Carbon Nanotubes);

K. Müllen, MPI-Polymere, Mainz, Germany: (Synthesis and Properties of Nanographene).

More than 100 short contributions in five parallel sessions to the main theme and other areas of Physical Chemistry will be given. In addition posters to the main theme and to all areas of physical chemistry are presented.

The final programme is available directly in "www.bunsentagung.de" in the Internet or under "www.bunsen.de" with a link to Bunsentagung and will be printed in addition in Volume 2/2007 of the Bunsen-Magazine. For organizational questions at Graz write to: Prof. Günter Grampp, Techn. University Graz, Institute for Physical and Theoretical Chemistry, Technikerstr. 4, A-8010 Graz, Austria, Email: grampp@ptc.tugraz.at or Prof. Stephan Landgraf, Email: landgraf@ptc.tugraz.at

For technical questions concerning the abstracts please contact: Prof. Stephan Landgraf, Email: landgraf@ptc.tugraz.at

### Participation:

Members of the "Bunsen-Society" will receive application forms within the Bunsen-Magazine. Non-members may ask the office of Deutsche Bunsen-Gesellschaft, Theodor-Heuss-Allee 45, D-60486 Frankfurt am Main; Phone: +49-(0)69-7564-621, Fax: +49-(0)69-7564-622. You may use the Internet: www.bunsentagung.de. Please fill in and send your application by post or e-mail before 1st April 2007 to benefit of the lower participation fee. Hotel accommodation information is included. Participation fee is 65,-- Euro for members, 85,-- Euro for non-members of the Bunsen-Society and 10,-- Euro for students and accompanying persons.



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