

This article was downloaded by:

On: 14 January 2011

Access details: *Access Details: Free Access*

Publisher *Taylor & Francis*

Informa Ltd Registered in England and Wales Registered Number: 1072954 Registered office: Mortimer House, 37-41 Mortimer Street, London W1T 3JH, UK



Molecular Simulation

Publication details, including instructions for authors and subscription information:

<http://www.informaworld.com/smpp/title~content=t713644482>

Editorial

Nick Quirke^a

^a Imperial College,

To cite this Article Quirke, Nick(2011) 'Editorial', *Molecular Simulation*, 27: 5, 267 — 268

To link to this Article: DOI: 10.1080/08927020108031350

URL: <http://dx.doi.org/10.1080/08927020108031350>

PLEASE SCROLL DOWN FOR ARTICLE

Full terms and conditions of use: <http://www.informaworld.com/terms-and-conditions-of-access.pdf>

This article may be used for research, teaching and private study purposes. Any substantial or systematic reproduction, re-distribution, re-selling, loan or sub-licensing, systematic supply or distribution in any form to anyone is expressly forbidden.

The publisher does not give any warranty express or implied or make any representation that the contents will be complete or accurate or up to date. The accuracy of any instructions, formulae and drug doses should be independently verified with primary sources. The publisher shall not be liable for any loss, actions, claims, proceedings, demand or costs or damages whatsoever or howsoever caused arising directly or indirectly in connection with or arising out of the use of this material.

EDITORIAL



This special issue of *Molecular Simulation* is dedicated to David Nicholson. It marks David's formal retirement from the Chemistry Department at Imperial College where he has spent 40 years contributing to the statistical mechanics of adsorption and flow in porous media. David has been a pioneer in the study of porous materials. He was one of the first to apply simulation methods, especially grand canonical Monte Carlo techniques, to the study of adsorption in pores. His book "*Computer Simulation and the Statistical Mechanics of Adsorption*, Academic Press, London, 1982." with Parsonage, stimulated many to use these, then novel, techniques. My interaction with David dates to the early nineties when I became involved in a European project on membranes for gas separations run by Steve Tennison at BP. Indeed I think I suggested David, known to me then only by his reputation, as a suitable academic partner. I soon realised how good a suggestion I had made. Together with Roger Cracknell, we made very rapid

progress on the use of non-equilibrium methods to study fluid flow in carbon nanopores; progress which has continued to this day. No one who has collaborated with David can fail to be struck by his outstanding abilities and depth of knowledge of his field.

The present special issue contains 12 papers and personal contributions by his friends and colleagues, some of which were presented as lectures at the meeting “The Statistical Mechanics of Adsorption”, held in his honour at Imperial College on October 3rd, 2001.

Nick Quirke
Imperial College