

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>

Foreword

Sharon C. Glotzer^a; Alain H. Fuchs^b; Susumu Okazaki^c; Jonathan Moore^d; Peter T. Cummings^e

^a University of Michigan, ^b Ecole Nationale Supérieure de Chimie de Paris, ^c Tokyo Institute of Technology Nagatsuta, ^d Dow Chemical Company, ^e Vanderbilt University and Oak Ridge National Laboratory,

Online publication date: 13 December 2010

To cite this Article Glotzer, Sharon C. , Fuchs, Alain H. , Okazaki, Susumu , Moore, Jonathan and Cummings, Peter T.(2010) 'Foreword', *Molecular Simulation*, 36: 15, 1196

To link to this Article: DOI: 10.1080/08927022.2010.534898

URL: <http://dx.doi.org/10.1080/08927022.2010.534898>

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.

FOREWORD

In view of the growing importance of molecular modelling, as a part of its activities, the Molecular Modelling Task Force of the non-profit educational foundation, Computer Aids for Chemical Engineering (CACHÉ), initiated the FOMMS conference series in 2000 to promote the applications and development of computational quantum methods, molecular science and engineering simulation. Two very successful conferences were held at Keystone Resort, Colorado in July of 2000 and 2003; the third and fourth FOMMS conferences were held at Semiahmoo Resort, in the Pacific Northwest of the USA in July of 2006 and 2009, respectively. The FOMMS conference series is the premier conference focused on the new development and applications of computational molecular-based technologies. The 2009 meeting featured new focus areas in simulating rare events and petascale computing applications, as well as workshops on the use of graphical processing units for molecular dynamics simulation, education and open source code development, in addition to previous conference themes of multiple time scale and mesoscale methods, biological applications, reaction engineering and soft materials. The 2009 FOMMS saw the establishment of a new tradition: the award of a FOMMS medal. The FOMMS medal honours 'profound and lasting contributions by one or more individuals to the development of computational methods and their application to the field of molecular-based modelling and simulation'. The first recipient of the FOMMS medal is Michele Parrinello of ETH, who was presented with the medal on the last evening of the conference.

Molecular Simulation and its publisher (Taylor and Francis) were sponsors of the FOMMS 2009 Conference, and this is the third time the FOMMS proceedings have

appeared in *Molecular Simulation*. After been reviewed and edited to the usual high standard, contributed papers are being published as this special issue of the journal. As is apparent from the work collected in these issues, there is an excellent balance between the review material introducing the various topics and new developments in the area of modelling and simulation. While the papers appearing here are only a small fraction of the oral and poster contributions presented at the conference, they nevertheless provide an excellent overview of the conference.

The FOMMS 2009 conference was chaired by Sharon Glotzer, with co-chairs Alain H. Fuchs, Susumi Okazaki and Jonathan Moore, facilitated by the CACHÉ corporation and sponsored by the Computational Molecular Science and Engineering Forum of the American Institute of Chemical Engineers.

Sharon C. Glotzer
University of Michigan

Alain H. Fuchs
Ecole Nationale Supérieure de Chimie de Paris

Susumu Okazaki
Tokyo Institute of Technology Nagatsuta

Jonathan Moore
Dow Chemical Company

Peter T. Cummings
Vanderbilt University and Oak Ridge National Laboratory