Theor Chem Acc (2007) 117:183
DOI 10.1007/s00214-006-0187-0

EDITORIAL

Proceedings of the 10th Electronic Computational Chemistry Conference

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Published online: 7 December 2006
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It is our pleasure to introduce the proceedings of the 10th Electronic Computational Chemistry Conference (ECCC10). ECCC10 was a virtual scientific conference which took place entirely on the Internet at http://www.eccc.monmouth.edu throughout the month of April 2005. Originally the brainchild of Steven Bachrach (Trinity University), the ECCC was launched in 1993. Today the ECCC continues to follow its original mission: To provide scientists around the globe with the opportunity to disseminate and discuss cutting-edge research in all areas of computational chemistry and computational biology. Twelve years and ten conferences later, the ECCC has become the longest-running virtual conference focused on scientific research. As always, ECCC10 was free of charge to all authors and participants.

Fifty-four presentations appeared in ECCC10, a record number. Prof. Donald G. Truhlar (University of Minnesota) kindly provided the Keynote Presentation. A total of over 250 participants took part in the discussion during the month-long conference. The abstracts for all ECCC10 presentations were subjected to peer review in order to ensure that the work was novel and substantial enough to merit inclusion. This review was steered by the ECCC10 Scientific Organizing Committee, which consisted of Robert Topper, David Chatfield (Florida International University), Olga Dmitrenko (University of Delaware), Guangyu Sun, Mark Tuckerman (New York University) and Amir Weitz (RAFAEL). The Committee also monitored the discussion during the Conference and ensured that all questions were answered in a timely manner.

The record participation in ECCC10 was aided by the newly introduced Award Program, developed to recognize outstanding presentations. Five ECCC10 presentations won recognition as Outstanding Scientific Presentations and one presentation won an award for the Best Multimedia Presentation. Each award was accompanied by a software prize provided jointly by Parallel Quantum Solutions (http://www.pqs-chem.com), Schrodinger (http://www.schrodinger.com) and SimBioSys Inc. (http://www.simbiosys.ca). We are grateful for the sponsors' generosity and their support for the international community of computational chemists.

In addition to the initial review of abstracts, the articles published in these Proceedings have been peer-reviewed to ensure that they meet the high editorial standards of Theoretical Chemistry Accounts. These proceedings contain a record number of manuscripts, and you will find the papers to be significant contributions to the literature.

We are very grateful to Christopher Cramer for his invaluable assistance in the editorial process, as well as the staff of Theoretical Chemistry Accounts and Elsevier. The technical aspects of ECCC10 were managed by Robert Topper, who chaired the ECCC10 Web Team of student and staff volunteers: Aimée Babbin, Robert Carsey, Evelyn Hampton and Nikhil Jain. We gratefully acknowledge financial support for ECCC10 from the Department of Chemistry, Medical Technology and Physics of Monmouth University.

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