## **INTRODUCTION**

## International conference on "Modeling interaction in biomolecules 2011", in Kutná Hora, September 4th-9th, 2011

Jaroslav V. Burda · Andrzej W. Sokalski

Published online: 13 September 2013 © Springer-Verlag Berlin Heidelberg 2013

The MIB V conference was focused on modern computational techniques and advanced methods used to model systems and processes important in biophysics and biochemistry. The meeting consisted of several parts. Lectures delivered by invited speakers (A.W. Sokalski, M. Yanez, M. Orozco, L. Gorb, R. Ettrich, N. Gresh, M. Sodupe, D. Salahub, C. Lim, N. Russo, M.B. Hall, P. Bouř, A. Michalak, D. Sundholm, S. Grabowski, T. Wesolowski, and S. Zaric,) were designed to introduce particular topics, which were further elaborated in subsequent talks of other speakers —including shorter contributions from junior researchers and Ph.D. students.

The opening lecture was delivered by M. Yanez (Universidad Autónoma de Madrid, Spain).

A poster student competition was organized during the poster sessions. The organizers are grateful to Springer publishing for donating prizes for the three best poster projects (J. Hudecová, IOCB Academy of Sciences, Prague, Czech Republic; Z. Futera, Charles University in Prague, Czech Republic, and R. Rafal, Wroclaw University of Technology, Poland). The meeting was supported by Molecular Graphics and Modelling Society (http://www.mgms.org/).

The full program with titles of lectures and other details can be found on the web page: http://physics.mff.cuni.cz/kchfo/MIB11.

Approximately 70 researchers from 20 countries participated in the conference and presented approximately 40 oral presentations and 30 posters.

J. V. Burda (⊠)

Faculty of Mathematics and Physics, Charles University, ke Karlovu 3, 12116 Prague, Czech Republic e-mail: burda@karlov.mff.cuni.cz

A. W. Sokalski

Institute of Physical and Theoretical Chemistry, Wroclaw University of Technology, Wyb. Wyspianskiego 27, 50-370 Wroclaw, Poland e-mail: sokalski@mml.ch.pwr.wroc.pl

