

Preface

The High Performance Computer Users' Conference held in Zakopane, Poland, March 6–7, 2008, was the first conference organized for the scientific community using the resources of the Academic Computer Centre CYFRONET-AGH (Krakow, Poland). This series of conferences, intended to be organized annually, extends the set of domain-specific events organized periodically by the Centre (see for example <http://www.cyf-kr.edu.pl/en/>).

At the conference 37 oral presentations and posters were presented, including two outstanding invited lectures given by:

- Dr. Norbert Attig (John von Neumann Institute for Computing, JSC, Juelich, Germany), “IBM Blue Gene for scientific computations”,
- Dr. Jaap A. Kaandorp (University of Amsterdam, The Netherlands), “Computational modelling of corals: from genes to colony”.

The papers presented at the conference covered a range of scientific results from a wide range of domains – hence only some of them, focused on algorithmic issues, were selected for publication in the Computer Science Bulletin.

ACC CYFRONET AGH, established over 30 years ago, is one of the largest Polish supercomputing and networking centres. Its mission is to provide the computing power, computing-related services and expertise to the scientific community. CYFRONET, in close collaboration with the Institute of Computer Science, AGH University of Science and Technology in Cracow, has greatly contributed to progress in computer science by participation and coordination of EU and national projects.

Cracow, July 2008

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