

Preface

We are pleased to present the proceedings of the *Third Workshop on Algorithms in Bioinformatics (WABI 2003)*, which took place on September 15–20, 2003 in Budapest, Hungary. The WABI workshop was part of the four-conference meeting, ALGO 2003, which was locally organized by Dr. János Csirik, Head of the Department of Computer Science, József Attila University, Budapest. See http://www.conferences.hu/ALGO2003/algo_2003.htm for more details.

WABI focuses on discrete algorithms that address important problems in molecular biology, genomics, and genetics, that are founded on sound models, that are computationally efficient, that have been implemented and tested in simulations and on real datasets, and that provide new biological results. The workshop goals are to present recent research and identify and explore directions for future research.

We received 78 submissions in response to the call for papers and 36 were accepted. We would like to sincerely thank the authors of all submitted papers and the conference participants. We especially thank a terrific program committee for their diligent and thorough work in reviewing and selecting the papers. We were fortunate to have on the program committee the following distinguished group of researchers:

Amihood Amir (Bar Ilan University, Israel)
Alberto Apostolico (Purdue University)
Pierre Baldi (University of California, Irvine)
Gary Benson (Mount Sinai School of Medicine, New York; Co-chair)
Benny Chor (Tel Aviv University)
Nadia El-Mabrouk (University of Montreal)
Olivier Gascuel (LIRMM-CNRS, Montpellier)
Raffaele Giancarlo (Università di Palermo)
David Gilbert (University of Glasgow)
Jan Gorodkin (The Royal Veterinary and Agricultural University, Denmark)
Roderic Guigó (Institut Municipal d'Investigacions Mèdiques, Barcelona)
Dan Gusfield (University of California, Davis)
Jotun Hein (University of Oxford)
Daniel Huson (Tübingen University)
Simon Kasif (Boston University)
Gregory Kucherov (INRIA-Lorraine/LORIA)
Gad Landau (University of Haifa)
Thierry Lecroq (Université de Rouen)
Bernard M.E. Moret (University of New Mexico, Albuquerque)
Vincent Moulton (Uppsala University, Sweden)
Roderic Page (University of Glasgow; Co-chair)
Sophie Schbath (INRA, Jouy-en-Josas)

Charles Semple (University of Canterbury, New Zealand)
Jens Stoye (Universität Bielefeld)
Fengzhu Sun (University of Southern California)
Alfonso Valencia (Centro Nacional de Biotecnología, Madrid)
Jacques Van Helden (Université Libre de Bruxelles)
Louxin Zhang (National University of Singapore)

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We also thank the WABI steering committee, Olivier Gascuel, Raffaele Giancarlo, Roderic Guigó, Dan Gusfield, and Bernard Moret, for inviting us to co-chair the conference and for their help in carrying out that task.

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Thanks again to all who participated to make WABI 2003 a success. It has been, for us, a challenging and rewarding experience.