

Preface

The papers in this volume were presented at the 6th International Meeting on DNA Based Computers, organized by the Leiden Cewnter for Natural Computing and held from June 13 to June 17, 2000 at The Lorenz Center, University of Leiden, Leiden, The Netherlands. DNA Computing is a novel and fascinating development at the interface of computer science and molecular biology. It has emerged in recent years, not simply as an exciting technology for information processing, but also as a catalyst for knowledge transfer between information processing, nanotechnology, and biology. This area of research has the potential to change our understanding of the theory and practice of computing.

The call for papers and poster presentations sought contributions of original research and technical expositions in all areas of bio-computation. A total of 33 abstracts were submitted of which 16 were accepted for presentation and included in the proceedings. The papers were selected by the program committee based on originality and quality of research and on relevance to the bio-computing field. Invited talks were given by Prof. Masami Hagiya (Tokyo University), Prof. Laura Landweber (Princeton University), Prof. John Reif (Duke University), Prof. Thomas Schmidt (Leiden University), and Prof. Lloyd M. Smith (University of Wisconsin). Invited papers based on the talks of Prof. Hagiya and Prof. Reif are included in this volume, along with the contributed papers. Additional tutorials were held on the first and last days of the conference.

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Anne Condon
Program Chair
DNA6

Organization

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