



DNA7
Seventh International Meeting on
DNA Based Computers
June 10-13, 2001

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Introduction

Biomolecular computing has emerged as a an interdisciplinary field that draws together molecular biology, chemistry, computer science and mathematics. Our knowledge of DNA nanotechnology and biomolecular computing increases exponentially with every passing year. The annual international meeting has been a forum where scientists with different backgrounds, yet sharing a common interest in biomolecular computing, meet and present their latest results. Continuing with this tradition, the 7th International Meeting on DNA Based Computers will focus on the current theoretical and experimental results with the greatest impact.

Papers and poster presentations are sought in all areas that relate to computing with biomolecules including (but not limited to): algorithms and applications, models of biomolecular computation (using DNA and/or other molecules), analysis of laboratory techniques and theoretical models, error correction, sequence design, simulation software, DNA chemistry, DNA motifs, DNA devices, and computational processes in vivo. We particularly encourage papers and posters reporting experimental results.

Instruction for Authors

- Each paper should include one address and e-mail address for all correspondence related to the submission.
- Each paper should contain an abstract stating the main results and their importance.
- We encourage document preparation in LaTeX, but PostScript, pdf and MSWord files will also be accepted. For the final version of the document please follow the guidelines for the Springer-Verlag LNCS series at: <http://www.springer.de/comp/lncs/authors.html>
- The preferred format for submission is a .PDF, .PS or .RTF file or e-mailed to the chair of the program committee at: ned.seeman@nyu.edu. Alternatively, 5 copies of the paper can be sent to :

Nadrian C. Seeman, DNA7 Submissions
Department of Chemistry
New York University
100 Washington Square East
New York, NY 10003, USA.

Authors planning papers with more than 10 pages (11 point type, single spaced with 1" margins) should first consult with the program chair: ned.seeman@nyu.edu.

- **Important dates:**
Submission Deadline ----- February 9, 2001

Notification of acceptance ----- April 6, 2001
Final version due ----- May 7, 2001
Conference ----- June 10-13, 2001

Invited Plenary Lectures

Prof. Nicholas R. Cozzarelli, University of California, Berkeley
topic: DNA topology

Prof. John SantaLucia, Wayne State University
topic: DNA thermodynamics

[Prof. Ronald Breaker](#), Yale University
topic: DNA catalytic activity logies, USA)

Prof. Richard Lipton, Princeton University
topic: TBA

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