

# ANALCO Program Schedule

January 3, 2009

New York Marriott Downtown, New York, New York

*All sessions will take place in **Grand Salon C - 3rd Floor**, unless otherwise noted.*

- 8:30 AM      **Pursuit and Evasion from a Distance: Algorithms and Bounds**  
A. Bonato, E. Chiniforooshan
- 8:55 AM      **Coloring Geographical Threshold Graphs**  
M. Bradonjic, T. Müller, A. G. Percus
- 9:20 AM      ~~**The Spanning Trees Formulas in a Class of Double Fixed-step Loop Networks**~~  
~~T. Atajan, N. Otsuka, X. Yong~~      **CANCELLED**
- 9:45 AM      **Average Size of Unstretched Remote-spanners**  
Ph. Jacquet, L. Viennot
- 10:10 AM      Coffee Break (*Financial Ballroom - 2nd Floor*)
- 10:30 AM      ALENEX Invited Plenary Speaker  
**Algorithmic Problems in Air Traffic**  
Joseph S.B. Mitchell, State University of New York at Stony Brook  
(*Grand Salon A/B - 3rd Floor*)
- 11:30 AM      Lunch Break (*attendees on their own*)
- 1:00 PM      ANALCO Invited Plenary Speaker  
**Mathematics and Computer Science Serving/impacting Bioinformatics**  
Gaston Gonnet, ETH Zürich, Switzerland  
(*Grand Salon A/B - 3rd Floor*)
- 2:00 PM      Intermission
- 2:15 PM      **Average-case Analysis of Moves in Quick Select**  
H. Mahmoud
- 2:40 PM      **Maximum Likelihood Analysis of Heap Sort**  
U. Laube, M. Nebel
- 3:05 PM      **Balanced and/or Trees and Linear Threshold Functions**  
H. Fournier, D. Gardy, A. Genitrini
- 3:30 PM      **Multidimensional Divide-and-Conquer and Weighted Digital Sums**  
Y.K. Cheung, Ph. Flajolet, M. Golin, C.Y. James Lee
- 3:55 PM      Coffee Break (*Financial Ballroom - 2nd Floor*)
- 4:15 PM      **Mixing Times and  $L_p$  Bounds for Oblivious Routing**  
G. Lawler, H. Narayanan
- 4:40 PM      **Approximating  $L_1$ -distances Between Mixture Distributions Using Random Projections**  
S. Mahalanabis, D. Stefankovic
- 5:05 PM      **Prediction of Unseeing Proportions in Urn Models with Restricted Sampling**  
M. Lladser
- 6:00 PM      Business Meeting
- 6:30 PM      Welcome Reception (*Financial Ballroom - 2nd Floor*)