ANALCO11 Program Schedule

January 22, 2011

Holiday Inn San Francisco Golden Gateway, San Francisco, California, USA

*All sessions will take place in **Washington/California - Lower Lobby Level**,*
unless otherwise noted.

8:00 AM   Continental Breakfast (*Crystal Room - Lobby Level*)

8:30 AM   **Flooding and Diameter in Weighted Random Graphs**
                  Hamed Amini, Moez Draief and Marc Lelarge

8:50 AM   **On Vertex, Edge, and Vertex-edge Random Graphs**
                  Elizabeth Beer, James A. Fill, Svante Janson and Edward R. Scheinerman

9:10 AM   **Lambda-terms of Bounded Unary Height**
                  Olivier Bodini, Daniele Gardy and Bernhard Gittenberger

9:30 AM   **Heapable Sequences and Subsequences**
                  John Byers, Brent Heeringa, Michael Mitzenmacher and Georgios Zervas

9:50 AM   **The Growing Trees Distribution on Boolean Functions**
                  Brigitte Chauvin, Danièle Gardy and Cécile Mailler

10:10 AM   Coffee Break (*Crystal Room - Lobby Level*)

10:30 AM   ANALCO Invited Plenary Speaker
                  Robert Sedgewick, Princeton University, USA
                  Algorithms for the Masses
                  (Redwood - Lower Lobby Level)

11:30 AM   Lunch Break (*attendees on their own*)

1:00 PM   ALENEX Invited Plenary Speaker
                  James Demmel, University of California at Berkeley, USA
                  Avoiding Communication in Numerical Linear Algebra
                  (Redwood - Lower Lobby Level)

2:00 PM   Intermission

2:15 PM   **Some Properties of Random Staircase Tableaux**
                  Sandrine Dasse-Hartaut and Pawel Hitczenko

2:35 PM   **Finding Hidden Cliques in Linear Time with High Probability**
                  Yael Dekel, Ori Gurel-Gurevich and Yuval Peres

ANALCO Program Schedule, *continued*

2:55 PM   **Random Road Networks: The Quadtree Model**
David Eisenstat

3:15 PM   **The Subtree Size Profile of Plane-oriented Recursive Trees**
Michael Fuchs

3:35 PM   **Spin-the-bottle Sort and Annealing Sort: Oblivious Sorting via Round-robin Random Comparisons**
Michael Goodrich

3:55 PM   Coffee Break (*Crystal Room - Lobby Level*)

4:15 PM   **Stochastic Minimum Spanning Trees and Related Problems**
Pegah Kamousi and Subhash Suri

4:35 PM   **The Class of Tenable Zero-balanced Polya Urn Schemes: Characterization and Gaussian Phases**
Sanaa Kholfi and Hosam Mahmoud

4:55 PM   **The Swedish Leader Election Protocol: Analysis and Variations**
Guy Louchard, Conrado Martinez and Helmut Prodinger

5:15 PM   **Cluster Algorithms for Discrete Models of Colloids with Bars**
Sarah Miracle, Dana Randall and Amanda Pascoe Streib

5:35 PM   Business Meeting

6:30 PM   Welcome Reception (*Emerald Room - Lobby Level*)