

# ANALCO Program Schedule

January 16, 2010

Hyatt Regency Austin, Austin, Texas

*All sessions will take place in Texas Ballroom II – 2<sup>nd</sup> Floor, unless otherwise noted.*

8:00 AM	Continental Breakfast ( <i>Hill Country-1<sup>st</sup> Floor</i> )
8:30 AM	<b>On the Search Path Length of Random Binary Skip Graphs</b> Philippe Duchon and Hubert Larcheveque
8:50 AM	<b>Phases in the Mixing of Gases via the Ehrenfest Urn Model</b> Srinivasan Balaji and Hosam Mahmoud
9:10 AM	<b>Bivariate Asymptotics for Striped Plane Partitions</b> Daniel Panario, Bruce Richmond and Benjamin Young
9:30 AM	<b>The Subset Partial Order: Computing and Combinatorics</b> Amr Elmasry
9:50 AM	<b>Fast Algorithm for Optimal Compression of Graphs</b> Yongwook Choi
10:10 AM	Coffee Break ( <i>Hill Country – 1<sup>st</sup> Floor</i> )
10:30 AM	ALENEX Invited Plenary Speaker: Peter Sanders, University of Karlsruhe, Germany <b>Algorithm Engineering, An Attempt at a Definition</b> ( <i>Texas Ballroom III – 2<sup>nd</sup> Floor</i> )
11:30 AM	Lunch Break ( <i>attendees on their own</i> )
1:00 PM	ANALCO Invited Plenary Speaker: Bruno Salvy, INRIA Rocquencourt, France <b>Newton Iteration: From Numerics to Combinatorics, and Back</b> ( <i>Texas Ballroom III – 2<sup>nd</sup> Floor</i> )
2:00 PM	Intermission
2:15 PM	<b>Stochastic Flips on Two-letter Words</b> Olivier Bodini, Thomas Fernique and Damien Regnault
2:35 PM	<b>Data Center Scheduling, Generalized Flows, and Submodularity</b> Lisa Fleischer
2:55 PM	<b>Preference-constrained Oriented Matching</b> Lisa Fleischer and Zoya Svitkina

*(Continued on other side)*

## ANALCO Program Schedule, *continued*

3:15 PM **Averaging Techniques for Competitive Auctions**  
Kazuo Iwama and Takayuki Ichiba

3:35 PM **On Distributions of Subgroups of Free Groups**  
Frédérique Bassino, Armando Martino, Cyril Nicaud, Enric Ventura and Pascal Weil

3:55 PM Coffee Break (*Hill Country – 1<sup>st</sup> Floor*)

4:15 PM **Enumerating and Generating Labeled k-degenerate Graphs Uniformly at Random**  
Marcus Krug, Dorothea Wagner and Reinhard Bauer

4:35 PM **The Connectivity profile of Random Increasing k-trees**  
~~Alexis Darrasse, Hsien Kuei Hwang, Olivier Bodini and Michèle Soria~~  
**CANCELLED**

6:00 PM Business Meeting

6:30 PM Welcome Reception (*Foothills – 17<sup>th</sup> Floor*)