

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