

ANALCO12 Program Schedule

January 16, 2012

The Westin Miyako, Kyoto, Japan

All sessions will take place in Mizuho-no-ma C unless otherwise noted.

- 8:30 AM **Asymptotic Enumeration of Extensional Acyclic Digraphs**
Stephan Wagner
- 8:55 AM **A Central Limit Theorem for the Number of Degree-k Vertices in Random Maps**
Michael Drmota and Konstantinos Panagiotou
- 9:20 AM **Deterministic Random Walks on Finite Graphs**
Shuji Kijima, Kentaro Koga and Kazuhisa Makino
- 9:45 AM **Inequalities for the Number of Walks in Graphs**
Raymond Hemmecke, Sven Kosub, Ernst W. Mayr, Hanjo Täubig and Jeremias Weihmann
- 10:10 AM Coffee Break
Mizuho-no-ma L
- 10:30 AM **Problem Based Benchmarks**
ALENEX Invited Plenary Speaker: *Guy E. Blelloch, Carnegie Mellon University, USA*
Mizuho-no-ma B
- 11:30 AM Lunch Break
Mizuho-no-ma L
- 1:00 PM **The Complexity of Partial Orders**
ANALCO Invited Plenary Speaker: *J. Ian Munro, University of Waterloo, Canada*
Mizuho-no-ma B
- 2:00 PM Intermission
- 2:15 PM **Randomized Speedup of the Bellman–Ford Algorithm**
Michael J. Bannister and David Eppstein
- 2:40 PM **Analyzing Walksat on Random Formulas**
Amin Coja-Oghlan and Alan Frieze

(Continued on other side)

ANALCO Program Schedule, *continued*

- 3:05 PM **Message Passing Algorithms for MLS-3LIN Problem**
Osamu Watanabe
- 3:30 PM **Search on the Brink of Chaos**
Yuliy Baryshnikov and Vadim Zharnitsky
- 3:55 PM Coffee Break
Mizuho-no-ma L
- 4:15 PM **Analysis of “Hiring Above the Median”: A “Lake Wobegon” Strategy for
The Hiring Problem**
Ahmed Helmi and Alois Panholzer
- 4:40 PM **The Expected Order of Saturated RNA Secondary Structures**
Emma Yu Jin and Markus Nebel
- 5:05 PM **Dirichlet Random Samplers for Multiplicative Combinatorial Structures**
J r mie Lumbroso and Olivier Bodini
- 5:30 PM **Biodiversity of Pattern Distributions in Combinatorial Ecosystems**
Cyril Banderier, Olivier Bodini, Yann Ponty and Hanane Tafat Bouzid
- 6:00 PM Business Meeting