ALENEX Program Schedule

January 3, 2009

New York Marriott Downtown, New York, New York

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

8:30 AM	**An Experimental Study of Minimum Cycle Mean Algorithms** Loukas Georgiadis, Andrew Goldberg, Robert E. Tarjan and Renato Werneck
8:50 AM	**Solving Maximum Flow Problems on Real World Bipartite Graphs** Silvestru Negruseri, Mircea Pasoi, Cliff Stein, Barbara Stanley and Cristian Strat
9:10 AM	**Tuning BNDM with q-Grams** Branislav Durian, Jan Holub, Hannu Peltola and Jorma Tarhio
9:30 AM	**Rank Aggregation: Together We're Strong** Anke van Zuylen and Frans Schalekamp
9:50 AM	**The Filter-Kruskal Minimum Spanning Tree Algorithm** Vitaly Osipov, Peter Sanders and Johannes Singler
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
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
2:00 PM	Intermission
2:15 PM	**Four-Dimensional Hilbert Curves for R-Trees** Herman Haverkort and Freek van Walderveen
2:35 PM	**The Domination Heuristic for LP-type Problems** Taras Galkovskyi, Bernd Gärtner and Bogdan Rublev
2:55 PM	**Design and Implementation of a Practical I/O-efficient Shortest Paths Algorithm** Ulrich Meyer and Vitaly Osipov
3:15 PM	**Time-Dependent Contraction Hierarchies** G. Veit Batz, Daniel Delling and Peter Sanders
3:35 PM	**Drawing Binary Tanglegrams: An Experimental Evaluation** Martin Nöllenburg, Markus Voelker, Alexander Wolff and Danny Holten
3:55 PM	Coffee Break (*Financial Ballroom - 2nd Floor*)
4:15 PM	**Dealing with Large Hidden Constants: Engineering a Planar Steiner Tree PTAS** Siamak Tazari and Matthias Müller -Hannemann
4:35 PM	**Theory and Practise of Monotone Minimal Perfect Hashing** Djamal Belazzougui, Paolo Boldi, Rasmus Pagh and Sebastiano Vigna
4:55 PM	**Quasirandom Rumor Spreading: An Experimental Analysis** Benjamin Doerr, Tobias Friedrich, Marvin Künnemann and Thomas Sauerwald
5:15 PM	**Experimental comparison of the two Fredman-Khachiyan-algorithms** Matthias Hagen, Peter Horatschek and Martin Mundhenk
5:35 PM	**Randomized Rounding in the Presence of a Cardinality Constraint** Benjamin Doerr and Magnus Wahlström
6:00 PM	Business Meeting
6:30 PM	Welcome Reception (*Financial Ballroom - 2nd Floor*)