

ALENEX11 – List of Accepted Papers

A Closer Look at the Closest String and Closest Substring Problem

Markus Chimani, Matthias Woste, and Sebastian Böcker

Sampling Graphs with a Prescribed Joint Degree Distribution Using Markov Chains

Isabelle Stanton and Ali Pinar

Simple and Efficient Distribution-Sensitive Point Location, in Triangulations

Pedro M. M. de Castro and Olivier Devillers

An SDP Approach to Multi-level Crossing Minimization

Markus Chimani, Philipp Hungerländer, Michael Juenger and Petra Mutzel

A Simple Parallel Cartesian Tree Algorithm and its Application to Suffix Tree Construction

Guy Blelloch and Julian Shun

An Elimination Method for Solving Bivariate Polynomial Systems: Eliminating the Usual Drawbacks

Eric Berberich, Pavel Emeliyanenko and Michael Sagraloff

Fast and Lightweight LCP-Array Construction Algorithms

Simon Gog and Enno Ohlebusch

Exact Pattern Matching with Feed-Forward Bloom Filters

Iulian Moraru and David Andersen

1D Vehicle Scheduling with Conflicts

Torsten J. Gellert and Felix G. König

Dependent Randomized Rounding: The Bipartite Case

Benjamin Doerr, Marvin Künnemann and Magnus Wahlström

Disjoint-Path Facility Location: Theory and Practice

Lee Breslau, Ilias Diakonikolas, Nicholas Duffield, Yu Gu, Hajiaghayi MohammadTaghi, David Johnson,

Howard Karloff, Mauricio Resende and Subhabrata Sen

The Johnson-Lindenstrauss Transform: An Empirical Study

Suresh Venkatasubramanian and Qiushi Wang

Algorithms for Matching and Predicting Trajectories

Jochen Eisner, Stefan Funke, Andre Herbst, Andreas Spillner, and Sabine Storandt

Approximate Map Matching with respect to the Fréchet Distance

Daniel Chen, Anne Driemel, Leonidas Guibas, Andy Nguyen, and Carola Wenk

Engineering a Topological Sorting Algorithm for Massive Graphs

Deepak Ajwani, Adan Cosgaya-Lozano and Norbert Zeh