

ANALCO17 – List of Accepted Papers

Paper titles and author information appears as submitted to Easy Chair.

Paper title and author changes will not be made to this document.

The online program will reflect the most up-to-date presentation details, and is scheduled for posting in November (<http://www.siam.org/meetings/analco17/program.php>).

On the cycle structure of the product of random maximal cycles
Miklós Bóna and Boris Pittel

The recurrence function of a random Sturmian word
Pablo Rotondo and Brigitte Vallée

Multivariate CLT follows from strong Rayleigh property
Subhroshekhar Ghosh, Thomas M. Liggett, and Robin Pemantle

An analogue to Dixon's theorem for automaton groups
Thibault Godin

Phase transitions in free energy for parameter rich optimization problems
Joachim M. Buhmann, Julien Dumazert, Alexey Gronskiy, and Wojciech Szpankowski

Cycle basis Markov chains for the Ising model
Amanda Pascoe Streib and Noah Streib

Partial match queries in relaxed K-dt trees
Amalia Duch and Gustavo Lau

An extended note on the comparison-optimal dual pivot quickselect
Daniel Krenn

Isolated cycles of critical random graphs
Marc Noy, Vonjy Rasendrahina, Vlady Ravelomanana, and Juanjo Rué

External profile of symmetric digital search trees
Michael Drmota, Michael Fuchs, Hsien-Kuei Hwang, and Ralph Neininger

The ordered and colored products in Analytic Combinatorics: Application to the quantitative study of synchronizations in concurrent processes
Olivier Bodini, Matthieu Dien, Antoine Genitrini, and Frédéric Peschanski

A refined analysis of LSH for well-dispersed data points
Wenlong Mou and Liwei Wang

Rates of convergence for balanced irreducible two-color Pólya urns
Andrea Kuntschik and Ralph Neininger

An exact enumeration of distance-hereditary graphs
Cédric Chauve, Éric Fusy, and Jérémie Lumbroso

Iterative cutting and pruning of planar trees
Benjamin Hackl, Sara Kropf, and Helmut Prodinger

On the distribution of random walk hitting times in random trees
Joubert Oosthuizen and Stephan Wagner

A note on the scaling limits of random Pólya trees
Bernhard Gittenberger, Emma Yu Jin, and Michael Wallner

On Symmetries of non-plane trees in a non-uniform model
Jacek Cichon, Abram Magner, Wojciech Szpankowski, and Krzysztof Turowski