

11th Workshop on Analytic Algorithmics and Combinatorics 2014

(ANALCO14)

**Portland, Oregon, USA
6 January 2014**

ISBN: 978-1-62993-957-5

Printed from e-media with permission by:

Curran Associates, Inc.
57 Morehouse Lane
Red Hook, NY 12571



Some format issues inherent in the e-media version may also appear in this print version.

Copyright© (2014) by SIAM: Society for Industrial and Applied Mathematics
All rights reserved.

Printed by Curran Associates, Inc. (2014)

For permission requests, please contact SIAM: Society for Industrial and Applied Mathematics
at the address below.

SIAM
3600 Market Street, 6th Floor
Philadelphia, PA 19104-2688 USA

Phone: (215) 382-9800
Fax: (215) 386-7999

siambooks@siam.org

Additional copies of this publication are available from:

Curran Associates, Inc.
57 Morehouse Lane
Red Hook, NY 12571 USA
Phone: 845-758-0400
Fax: 845-758-2634
Email: curran@proceedings.com
Web: www.proceedings.com

TABLE OF CONTENTS

Typical Depth of a Digital Search Tree Built on a General Source	1
<i>Kanal Hun, Brigitte Vallée</i>	
Expected External Profile of PATRICIA Tries	16
<i>Abram Magner, Charles Knese, Wojciech Szpankowski</i>	
On the Asymptotic Number of BCK(2)-Terms	25
<i>Olivier Bodini, Bernhardt Gittenberger</i>	
A Statistical View on Exchanges in Quickselect	40
<i>Benjamin Dadoun, Ralph Neininger</i>	
A Bijection for Plane Graphs and Its Applications	52
<i>Olivier Bernardi, Gwendal Collet, Éric Fusy</i>	
Clump Combinatorics, Automata, and Word Asymptotics	62
<i>Mireille Régnier, Billy Fang, D. Iakovishina</i>	
Permuted Random Walk Exits Typically in Linear Time	74
<i>Shirshendu Ganguly, Yuval Peres</i>	
Tight Analysis of Randomized Rumor Spreading in Complete Graphs	82
<i>Benjamin Doerr, Marvin Künnemann</i>	
Small Superpatterns for Dominance Drawing	92
<i>Michael J. Bannister, William E. Devanny, David Eppstein</i>	
On The Average-Case Complexity of the Bottleneck Tower of Hanoi Problem	104
<i>Noam Solomon, Shay Solomon</i>	
Survivors in Leader Election Algorithms	113
<i>Ravi Kalpathy, Hosam M. Mahmoud, Walter Rosenkrantz</i>	
On the Average Number of Edges in Theta Graphs	121
<i>Pat Morin, Sander Verdonschot</i>	
Author Index	