

2014 6th International Conference on Computational Aspects of Social Networks

(CASON 2014)

Porto, Portugal
30 July - 1 August 2014



IEEE Catalog Number: CFP1436H-POD
ISBN: 978-1-4799-5941-9

TABLE OF CONTENTS

Direct Generation of Random Graphs Exactly Realising a Prescribed Degree Sequence.....	1
<i>D. Obradovic, M. Danisch</i>	
Community Detection on Heterogeneous Networks by Multiple Semantic-Path Clustering	7
<i>Q. Meng, S. Tafavogh, P. Kennedy</i>	
Discount Heuristics and Heterogeneous Probabilities for Optimal Influence in Social Networks.....	13
<i>K. Sivasailam, V. Sebastian, D. Jacob, S. Bhattacharya</i>	
An ANP-based Method for Modeling Centrality in Online Social Networks	19
<i>R. Vieira, F. Lemos, J. Kniess</i>	
Maximization of Entropy in a Two Layer Asymmetry-coupled Network	25
<i>X. Nian, H. Fu</i>	
Hybrid Parallel Approach for Personalized Literature Recommendation System.....	31
<i>K. Ma, T. Lu, A. Abraham</i>	
A New Protein Structure Classification Model	37
<i>D. Wang, S. Han, Y. Chen, W. Bao, K. Ma, A. Abraham</i>	
Group Adjacency Matrices: Effective Visualisation of Community Structure in Large Networks.....	43
<i>D. Obradovic</i>	
Modeling Dynamics of Social Networks: A Survey.....	49
<i>S. Aouay, S. Jamoussi, F. Gargouri, A. Abraham</i>	
Recipe tuning by Reinforcement Learning in the SandS ecosystem.....	55
<i>B. Fernandez-Gauna, M. Grana</i>	
Internet of Things Communication Reference Model	61
<i>A. Alhamedi, V. Snasel, H. Aldosari, A. Abraham</i>	
Author Index	