



ICIW 2015

The Tenth International Conference on Internet and Web Applications and
Services

June 21 - 26, 2015

Brussels, Belgium

ICIW 2015 Editors

Steffen Fries, Siemens AG, Corporate Technology - Munich, Germany

Mario Freire, University of Beira Interior, Portugal

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© (4237) by International Academy, Research, and Industry Association (IARIA)
Please refer to the Copyright Information page.

Printed by Curran Associates, Inc. (4237)

International Academy, Research, and Industry Association (IARIA)
412 Derby Way
Wilmington, DE 19810

Phone: (408) 893-6407
Fax: (408) 527-6351

petre@iaria.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

ICIW 1: INTERNET AND WEB-BASED APPLICATIONS AND SERVICES

Animating Information Dissemination Through a Gamified Online Forum	1
<i>S. Hu, I. Chen</i>	
Web-based Graphic Design Framework to Support Users by Intuitively Reusing and sharing abstract appearance graphs	7
<i>N. Yamamoto, S. Kurabayashi</i>	
Active Learning to RankMethod for Documents Retrieval	16
<i>F. Dammak, I. Gabsi, H. Kammoun, A. Hamadou</i>	
Online Client-Side Bottleneck Identification on HTTP Server Infrastructures	22
<i>R. Filipe, S. Boychenko, F. Araujo</i>	
A Domain-Specific Language for Modeling Web User Interactions with a Model Driven Approach	28
<i>C. Purificacao, P. Silva</i>	

ICIW 2: SERVICE COMPUTATION

Model-Driven Business Process Analytics	35
<i>F. Koetter, A. Wohlfrom, D. Graf</i>	
Development of a Distributed Cryptographic System Employing Parallelized Counter Mode Encryption	41
<i>D. Dua, S. Shetty, L. Nair</i>	
On the Power of Combinatorial Bidding in Web Display Ads	46
<i>K. Elbassioni, M. Jha</i>	
LDaaSWS: Toward Linked Data as a Semantic Web Service	56
<i>L. Andrade, C. Prazeres</i>	

ICIW 3: ONLINE COMMUNICATIONS AND SOCIAL NETWORKS

An Empirical Study For Investigating How Politeness in Virtual Commercial Contexts Influence Customer Satisfaction and Loyalty	63
<i>I. Chen, S. Hu</i>	
Does the Right to be Forgotten Work in Social Machines Context?	70
<i>C. Lima, A. Nuines, C. Santana, F. Queiroz, C. Gusmao</i>	
Crawling and Mining Social Media Networks: A Facebook Case	76
<i>A. Hajjar, H. Hajjar, M. Sayed, M. Hajjar</i>	

ICIW 4: WEB SERVICES-BASED SYSTEMS AND APPLICATIONS

A Semantic Risk Management Framework for Digital Audio-Visual Media Preservation	81
<i>V. Engen, G. Veres, S. Crowle, M. Bashevoy, P. Walland, M. Hall-May</i>	
ICT - based Approaches for Entrepreneurship Education	88
<i>I. Hamburg, S. Bucksch, E. O'Brien</i>	
CobWeb Multidimensional Model: Filtering Documents using Semantic Structures and OLAP	92
<i>O. Khrouf, K. Khrouf, A. Altalhi, J. Feki</i>	
Author Index	