



SOTICS 2015

The Fifth International Conference on Social Media Technologies, Communication,
and Informatics

November 15 - 20, 2015

Barcelona, Spain

SOTICS 2015 Editors

Carla Merkle Westphall University of Santa Catarina, Brazil

Dumitru Roman, SINTEF, Norway

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

SOTICS 1: MECHANISMS FOR SOCIAL SERVICES

Smart Navigation: Using Artificial Intelligent Heuristics in Navigating Multiple Destination	1
<i>H. Halaoui</i>	
What Do People Affected by Cancer Talk about Online? Text Analysis of Online Cancer Community Usage in Bosnia and Herzegovina	8
<i>S. Bazdarevic, A. Cristea</i>	
Towards Social Media Platform Integration with an Applied Gaming Ecosystem	14
<i>M. Salman, K. Star, A. Nussbaumer, M. Fuchs, H. Brocks, D. Vu, D. Heutelbeck, M. Hemmje</i>	
A Real-Time Disaster-Related Information Sharing System Based on the Utilization of Twitter	22
<i>O. Uchida, M. Kosugi, G. Endo, T. Funayama, K. Utsu, S. Tajima, M. Tomita, Y. Kajita, Y. Yamamoto</i>	

SOTICS 2: SOCIAL APPLICATIONS

Making Sense of Large-Group Discussions using Rhetorically Structured Text	26
<i>A. Garcia, M. Klein</i>	
Virtual Activity Ontology Modeling: the Case of Sociocultural Knowledge Sharing	36
<i>K. Guidedi, P. Diallo, Kolyang, M. Lo</i>	
Influence of Couple Patterns on Entropy in Multilayer Networks	42
<i>X. Nian</i>	
Social Network Analysis Tools for Career Advancement	47
<i>T. Arndt</i>	

SOTICS 3: SOCIAL MEDIA USE AND EXPERIENCES I

Mapping Competences of Distance Education Students	51
<i>K. Silva, P. Behar</i>	
Open Data from Social Media as Tool for Better Understanding Complex Territory: Application through Photos Data in Calabria	58
<i>A. Middea, S. Paldino, S. Serafini</i>	
The Influence of Social TV Strategies and Contents on TV Online Engagement	65
<i>A. Fortunato, M. Gorgoglione, U. Panniello</i>	
Rumor Detection and Classification for Twitter Data	71
<i>S. Hamidian, M. Diab</i>	

SOTICS 4: SOCIAL MEDIA USE AND EXPERIENCES II

Helping Hands of Autism Blogger Community in Social Media Platforms	78
<i>A. Saha, N. Agarwal</i>	
Sharing Our Heritage to Shape Our Future: How Effective Are Multi-User Sharing Platforms in Supporting Collaborative Visioning for the Future, and Why is Heritage Centre-Stage?	82
<i>A. Nanetti, A. Simpson</i>	
The Effects of Travel Information Sources on Traveller's Resonance and The Travel Destination Decision-Making Process	91
<i>M. Kaneko, L. Morales-Villaverde, K. Nakahira-T, M. Okamoto</i>	
Extracting Social Structure from DarkWeb Forums	97
<i>E. Phillips, J. Nurse, M. Goldsmith, S. Creese</i>	
Towards an Index of Mental Wellbeing in Language: The Relationship Between Time Orientation, Self-focus and Mood During Prolonged Bed-Rest	103
<i>S. Schumer-Galunder, T. Ott, P. Wu, C. Miller</i>	
Author Index	