2022 17th International Workshop on Semantic and Social Media Adaptation & Personalization (SMAP 2022)

Corfu, Greece 3-4 November 2022



IEEE Catalog Number: ISBN:

CFP2211B-POD 978-1-6654-8728-3

Copyright © 2022 by the Institute of Electrical and Electronics Engineers, Inc. All Rights Reserved

Copyright and Reprint Permissions: Abstracting is permitted with credit to the source. Libraries are permitted to photocopy beyond the limit of U.S. copyright law for private use of patrons those articles in this volume that carry a code at the bottom of the first page, provided the per-copy fee indicated in the code is paid through Copyright Clearance Center, 222 Rosewood Drive, Danvers, MA 01923.

For other copying, reprint or republication permission, write to IEEE Copyrights Manager, IEEE Service Center, 445 Hoes Lane, Piscataway, NJ 08854. All rights reserved.

*** This is a print representation of what appears in the IEEE Digital Library. Some format issues inherent in the e-media version may also appear in this print version.

 IEEE Catalog Number:
 CFP2211B-POD

 ISBN (Print-On-Demand):
 978-1-6654-8728-3

 ISBN (Online):
 978-1-6654-8727-6

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) 758-2633

E-mail: curran@proceedings.com Web: www.proceedings.com



SMAP 2022

17th International Workshop on Semantic and Social Media Adaptation & Personalization

TABLE OF CONTENTS

Exploiting Game Theory Strategy and Artificial Intelligent to Analyze Social Networks: A Comprehensive Survey	
Mohammed Miaji and Yaser Miaji	1
Digital Cultural Heritage Twins, a Proposal and Some Examples Gian Piero Zarri	7
The ARTEST project: the future of digital humanities teaching and learning	
Stella Sylaioy, Angeliki Antoniou, Manolis Wallace, Konstantinos Evaggelidis, Vassilis Poulopoulos	13
Summarization of User-Generated Videos Fusing Handcrafted and Deep Audiovisual Features	
Theodoros Psallidas, Evaggelos Spyrou and Stavros J. Perantonis	17
Facially Expressed Emotions and Hedonic Liking on Social Media Food Marketing Campaigns: Comparing different types of products and media posts	
Katerina Tzafilkou, Foteini Rafailia Panavou and Anastasios Economides	23
Social Media and Web Sensing with Semantic Integration on the Refugee Crisis	
Evangelos A. Stathopoulos, Sotiris Diplaris, Anastasios I. Karageorgiadis, Alexandros Kokkalas, Stefanos Vrochidis and Ioannis Kompatsiaris	29





PRODEP: Smart Social Media Procrastination and Depression Tracker	
Thushal Kulatilake, Rusira Liyanage, Kishen Deemud, Sujani De Silva, Disni Sriyaratna and Archchana Kugathasan	35
Supporting conservation and restoration through digital media modelling and exploitation - the example of the Acropolis of Ancient Tiryns Efthymia Moraitou, Markos Konstantakis, Aggeliki Chrysanthi, Yannis Christodoulou, George Pavlidis and George Caridakis	41
Factors Impacting Adoption Of Social Media Channels For Customer Service Management : A Review	
Vyankatesh Adke, Priti Bakhshi and Muniza Askari	45
An Apache Spark Implementation for Text Document Clustering Elias Dritsas, Maria Trigka, Gerasimos Vonitsanos, Andreas Kanavos and Phivos Mylonas	50
Machine Learning on Wikipedia Text for the Automatic Identification of Vocational Domains of Significance for Displaced Communities Maria Nefeli Nikiforos, Konstantina Deliveri, Katia Lida Kermanidis and Adamantia Pateli	56
Facilitating Current Higher Education Trends With Behavioral Strategies Georgios Drakopoulos and Phivos Mylonas	62
A Graph Mining Method for Characterizing and Measuring User Engagement in Twitter Ioannis Karamitsos, Alaa Mohasseb and Andreas Kanavos	69
Classification of Student Affective States in Online Learning using Neural Networks	
Kishan Kumar Bajaj, Ioana Ghergulescu and Arghir-Nicolae Moldovan	75
A Multi-class Classification Approach for Weather Forecasting with Machine Learning Techniques	
Elias Dritsas, Maria Trigka and Phivos Mylonas	81





Online Marketing Synergy Combining self-reported and real-time data to examine the effect of user-generated keywords and emotions for a tourism campaign	
Ioannis Papanikolaou and Katerina Tzafilkou	86
Modified collaborative filtering for hybrid recommender systems and personalized search: The case of digital library	
Antonios Koliarakis, Akrivi Krouska, Christos Troussas and Cleo Sgouropoulou	92
A Framework for a Holistic Information System for Small-Medium Logistics Enterprises	
Vasileios Karyotis, Eleni Stai, Panos Kourouthanasis and Phivos Mylonas	98
Last-Mile Delivery Options: Exploring Customer Preferences and Challenges Evangelia Filiopoulou, Cleopatra Bardaki, Dimitrios Boukouvalas, Mara	404
Nikolaidou, Panos Kourouthanassis	104
The impact of Information Systems use in Logistics Industry	
Vasiliki Soumpenioti and Apostolos Panagopoulos	110



