# **Table of Contents**

# International Journal of Multimedia Data Engineering and Management

Volume 7 • Issue 4 • October-December-2016 • ISSN: 1947-8534 • eISSN: 1947-8542

An official publication of the Information Resources Management Association

## **Research Articles**

#### 1 ISEQL, an Interval-based Surveillance Event Query Language

Sven Helmer, Free University of Bozen-Bolzano, Bolzano, Italy Fabio Persia, Free University of Bozen-Bolzano, Bolzano, Italy

#### 22 Optimizing Quality-of-Experience for HTTP-based Adaptive Video Streaming: An SDN-based Approach

Sangeeta Ramakrishnan, Cisco Systems, San Jose, CA, USA
Xiaoqing Zhu, Cisco Systems, San Jose, CA, USA
Frank Chan, Cisco Systems, San Jose, CA, USA
Kashyap Kodanda Ram Kambhatla, Cisco Systems, San Jose, CA, USA
Zheng Lu, Cisco Systems, San Jose, CA, USA
Cindy Chan, Cisco Systems, San Jose, CA, USA
Bhanu Krishnamurthy, Cisco Systems, San Jose, CA, USA

# 45 Discovering News Frames: An Approach for Exploring Text, Content, and Concepts in Online News Sources

Loretta H. Cheeks, Arizona State University, Tempe, AZ, USA Tracy L. Stepien, Arizona State University, Tempe, AZ, USA Dara M. Wald, Iowa State University, Ames, IA, USA Ashraf Gaffar, Arizona State University, Mesa, AZ, USA

## 63 Extracting Hierarchy of Coherent User-Concerns to Discover Intricate User Behavior from User Reviews

Ligaj Pradhan, University of Alabama at Birmingham, Birmingham, AL, USA Chengcui Zhang, University of Alabama at Birmingham, Birmingham, AL, USA Steven Bethard, University of Arizona, Tucson, AZ, USA

#### **COPYRIGHT**

The International Journal of Multimedia Data Engineering and Management (IJMDEM) (ISSN 1947-8534; eISSN 1947-8542), Copyright © 2016 IGI Global. All rights, including translation into other languages reserved by the publisher. No part of this journal may be reproduced or used in any form or by any means without written permission from the publisher, except for noncommercial, educational use including classroom teaching purposes. Product or company names used in this journal are for identification purposes only. Inclusion of the names of the products or companies does not indicate a claim of ownership by IGI Global of the trademark or registered trademark. The views expressed in this journal are those of the authors but not necessarily of IGI Global.

The International Journal of Multimedia Data Engineering and Management is indexed or listed in the following: ACM Digital Library; Bacon's Media Directory; Cabell's Directories; DBLP; Google Scholar; INSPEC; JournalTOCs; Library & Information Science Abstracts (LISA); MediaFinder; The Standard Periodical Directory; Thomson Reuters; Ulrich's Periodicals Directory; Web of Science