# International Journal of Multimedia Data Engineering and Management

July-September 2014, Vol. 5, No. 3

# **Table of Contents**

# RESEARCH ARTICLES

1 PIR: A Domain Specific Language for Multimedia Information Retrieval
Xiaobing Huang, Department of Computer Science, University of Wisconsin, Milwaukee, WI, USA
Tian Zhao, Department of Computer Science, University of Wisconsin, Milwaukee, WI, USA

Yu Cao, Department of Computer Science, University of Massachusetts, Lowell, MA, USA

# 28 Recognizing Human Actions in Basketball Video Sequences on the Basis of Global and Local Pairwise Representation

Masaki Takahashi, NHK Science and Technical Research Laboratories, Tokyo, Japan
Masahide Naemura, NHK Science and Technical Research Laboratories, Tokyo, Japan
Mahito Fujii, NHK Science and Technical Research Laboratories, Tokyo, Japan
James J. Little, Department of Computer Science, The University of British Columbia, Vancouver, British Columbia,
Canada

### 47 Improving Gender Classification Using an Extended Set of Local Binary Patterns

Abbas Roayaei Ardakany, University of Nevada-Reno, Reno, NV, USA Mircea Nicolescu, University of Nevada-Reno, Reno, NV, USA Monica Nicolescu, University of Nevada-Reno, Reno, NV, USA

# Copyright

The International Journal of Multimedia Data Engineering and Management (IJMDEM) (ISSN 1947-8534; eISSN 1947-8542), Copyright © 2014 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; Journal TOCs; Library & Information Science Abstracts (LISA); Media Finder; The Standard Periodical Directory; Ulrich's Periodicals Directory