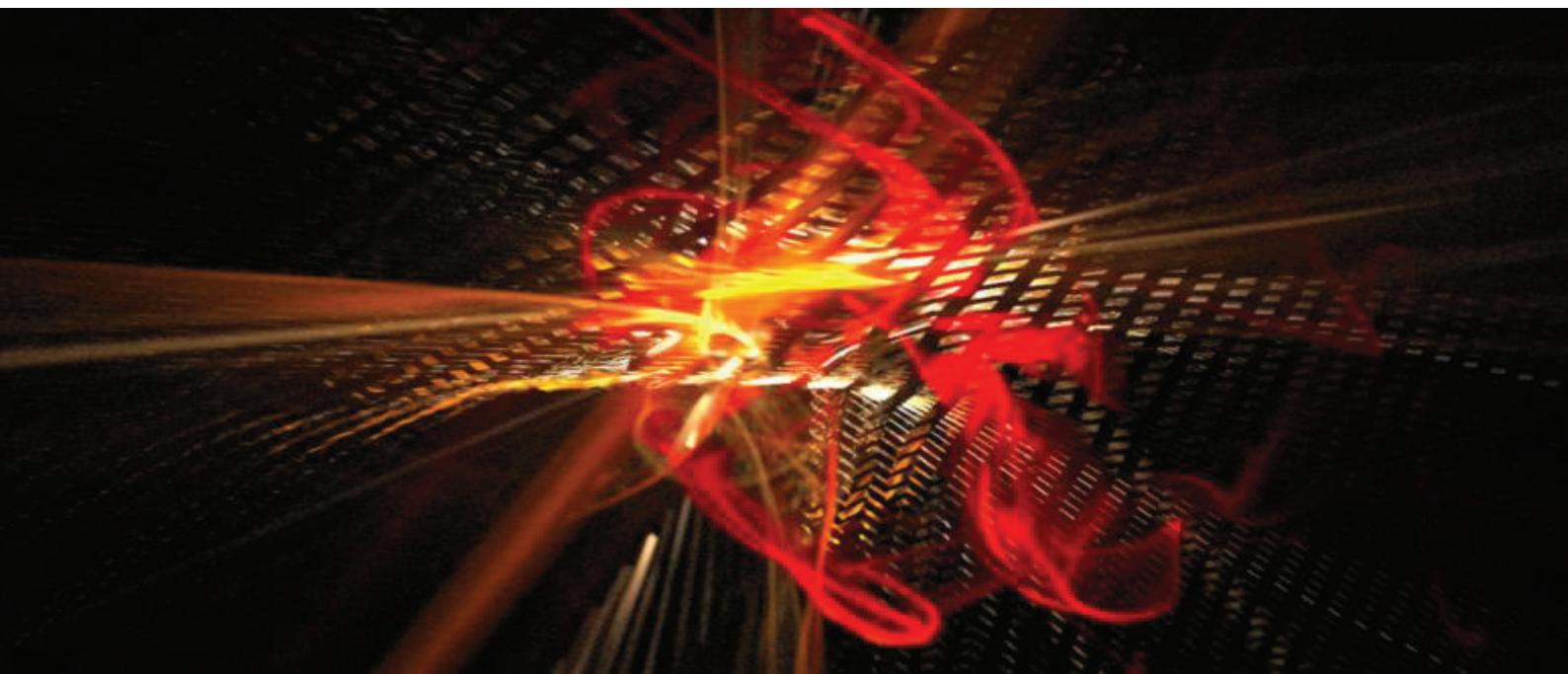


ISSN 2178-7107

Volume 3, Number 2, June 2012

# JIDM

## Journal of Information & Data Management



# **Journal of Information and Data Management - JIDM**

JIDM is an electronic publication focusing on information and data management in large repositories and document collections. It relates to different areas from Computer Science, including databases, information retrieval, digital libraries, knowledge discovery and data mining, geographic information systems, among others.

## **Editors**

**Alberto H. F. Laender**, UFMG, Brazil - Editor in chief

**Mirella M. Moro**, UFMG, Brazil - Associate Editor

## **Editorial Board**

**Amr El Abbadi** - University of California, Santa Barbara, USA

**Marcelo Arenas** - PUC-Chile, Chile

**Paolo Atzeni** - Università Roma Tre, Italy

**Ricardo Baeza-Yates** - Yahoo! Research, Spain

**Marco A. Casanova** - PUC-Rio, Brazil

**Umeshwar Dayal** - HP Labs, USA

**David W. Embley** - Brigham Young University, USA

**Alvaro Fernandes** - University of Manchester, United Kingdom

**Juliana Freire** - University of Utah, USA

**Theo Härdter** - University of Kaiserlautern, Germany

**Carlos A. Heuser** - UFRGS, Brazil

**H.V. Jagadish** - University of Michigan, USA

**Tok-Wang Ling** - National University of Singapore, Singapore

**Marta Mattoso** - UFRJ, Brazil

**Claudia Bauzer Medeiros** - UNICAMP, Brazil

**René J. Miller** - University of Toronto, Canada

**John Mylopoulos** - University of Trento, Italy

**Mario Nascimento** - University of Alberta, Canada

**Tamer Oszü** - University of Waterloo, Canada

**Oscar Pastor** - Universidad Politécnica de Valencia, Spain

**Alain Pirotte** - Université Catholique de Louvain, Belgium

**Gustavo Rossi** - Universidad de La Plata, Argentina

**Ana Carolina Salgado** - UFPE, Brazil

**Daniel Schwabe** - PUC-Rio, Brazil

**Altigran S. da Silva** - UFAM, Brazil

**Mário J. Silva** - Universidade de Lisboa, Portugal

**Caetano Traina Jr.** - USP-SC, Brazil

**Patrick Valduriez** - INRIA, France

**Gerhard Weikum** - Max-Planck Institut für Informatik, Germany

**Nivio Ziviani** - UFMG, Brazil

Copyright ©2012 Permission to copy without fee all or part of the material printed in JIDM is granted provided that the copies are not made or distributed for commercial advantage, and that notice is given that copying is by permission of the Sociedade Brasileira de Computação.

Journal of Information and Data Management  
Volume 3, Number 2, June 2012

Contents

Editorial	83
<b>Regular Articles</b>	
Using Taxonomies for Product Recommendation <i>Osvaldo Matos-Junior, Nivio Ziviani, Fabiano Botelho, Marco Cristo, Anisio Lacerda, Altigran Soares da Silva</i>	85
<b>SBBD 2011 Short Papers</b>	
Time Series Indexing Taking Advantage of the Generalized Suffix Tree <i>Daniel Yoshinobu Takada Chino, Felipe Alves da Louza, Agma Juci Machado Traina, Cristina Dutra de Aguiar Ciferri, Caetano Traina Junior</i>	101
Real time data loading and OLAP queries: Living together in next generation BI environments <i>Diego Pereira, Leonardo Guerreiro Azevedo, Asterio Tanaka, Fernanda Baião</i>	110
A Feature-based Versioning Approach for Assessing Service Compatibility <i>Marcelo Yamashita, Karin Becker, Renata Galante</i>	120
FPCluster: an efficient out-of-core clustering strategy without a similarity metric <i>Douglas E.V. Pires, Luam C. Totti, Rubens E.A. Moreira, Elverton C. Fazzion, Osvaldo L.H.M. Fonseca, Wagner Meira Jr, Raquel C. de Melo-Minardi, Dorgival Guedes Neto</i>	132