Table of Contents

SPECIAL ISSUE ON WEB SCALE KNOWLEDGE EXTRACTION

GUEST EDITORIAL PREFACE

i Aditya Kalyanpur, IBM T.J. Watson Research Center, USA
James Fan, IBM T.J. Watson Research Center, USA
Christopher Welty, IBM T.J. Watson Research Center, USA

RESEARCH ARTICLES

1 Towards Large-Scale Unsupervised Relation Extraction from the Web
Bonan Min, New York University, USA
Shuming Shi, Microsoft Research Asia, China
Ralph Grishman, New York University, USA
Chin-Yew Lin, Microsoft Research Asia, China

24 Enabling Folksonomies for Knowledge Extraction: A Semantic Grounding Approach
Andrés García-Silva, Ontology Engineering Group, Universidad Politécnica de Madrid, Spain
Iván Cantador, Information Retrieval Group, Universidad Autónoma de Madrid, Spain
Oscar Corcho, Ontology Engineering Group, Universidad Politécnica de Madrid, Spain

42 Elementary: Large-Scale Knowledge-Base Construction via Machine Learning and Statistical Inference
Feng Niu, Computer Sciences Department, University of Wisconsin-Madison, USA
Ce Zhang, Computer Sciences Department, University of Wisconsin-Madison, USA
Christopher Ré, Computer Sciences Department, University of Wisconsin-Madison, USA
Jude Shavlik, Computer Sciences Department, University of Wisconsin-Madison, USA

74 Predicting Lexical Answer Types in Open Domain QA
Alfio Massimiliano Gliozzo, IBM T.J. Watson Research Center, USA
Aditya Kalyanpur, IBM T.J. Watson Research Center, USA

Copyright

The International Journal on Semantic Web and Information Systems (ISSN 1552-6283; eISSN 1552-6291). Copyright © 2012 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.

IJSWIS is listed or indexed in the following: Bacon’s Media Directory; Burrelle’s Media Directory; Cabell’s Directories; Compendex (Elsevier Engineering Index); CSA Illumina; Current Contents®/Engineering, Computing, & Technology; DBLP; DEST Register of Refereed Journals; Gale Directory of Publications & Broadcast Media; GetCited; Google Scholar; INSPEC; Journal Citation Reports/Science Edition; JournalTOCs; Library & Information Science Abstracts (LISA); MediaFinder; Norwegian Social Science Data Services (NSD); Science Citation Index Expanded (SciSearch®); SCOPUS; The Index of Information Systems Journals; The Standard Periodical Directory; Ulrich’s Periodicals Directory; Web of Science