Table of Contents

International Journal on Semantic Web and Information Systems

Volume 17 • Issue 1 • January-March-2021 • ISSN: 1552-6283 • eISSN: 1552-6291

Research Articles

1 CISMET: A Semantic Ontology Framework for Regulatory-Requirements-Compliant Information Systems Development and Its Application in the GDPR Case

M. Mahmudul Hasan, Department of Informatics and Telematics, Harokopio University, Greece George Kousiouris, Department of Informatics and Telematics, Harokopio University, Greece Dimosthenis Anagnostopoulos, Department of Informatics and Telematics, Harokopio University, Greece Teta Stamati, Department of Informatics and Telematics, Harokopio University, Greece Peri Loucopoulos, Institute of Digital Innovation and Research, Dublin, Ireland Mara Nikolaidou, Department of Informatics and Telematics, Harokopio University, Greece

25 Hybrid Query Execution on Linked Data With Complete Results

Samita Bai, Institute of Business Administration, Pakistan Shakeel A. Khoja, Institute of Business Administration, Pakistan

50 Interactive E-Textbook Platform Based on Block Editing Model in Crowdsourcing E-Learning Environments

Ja-Ryoung Choi, Sookmyung Women's University, South Korea Soon-Bum Lim, Sookmyung Women's University, South Korea

Yihang Cheng, Tianjin University, China

67 Rethinking the Development of Technology-Enhanced Learning and the Role of Cognitive Computing

Xi Zhang, Tianjin University, China Xiaojiong Wang, Institutes of Science and Development, Chinese Academy of Sciences, China Hongke Zhao, Tianjin University, China Yao Yu, Tianjin University, China Xianhai Wang, Tianjin University, China Patricia Ordoñez de Pablos, The University of Oviedo, Spain

97 Learning Non-Taxonomic Relations of Ontologies: A Systematic Review

Mohamed Hassan Mohamed Ali, Faculty of Science, Alexandria University, Egypt Said Fathalla, Bonn University, Germany & Faculty of Science, Alexandria University, Egypt Mohamed Kholief, Arab Academy for Science, Technology, and Maritime Transport, Egypt Yasser Fouad Hassan, Faculty of Science, Alexandria University, Egypt

COPYRIGHT

The International Journal on Semantic Web and Information Systems (IJSWIS) (ISSN 1552-6283; eISSN 1552-6291), Copyright © 2021 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 on Semantic Web and Information Systems is indexed or listed in the following: ACM Digital Library; 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; JournalTOCs; Library & Information Science Abstracts (LISA); MediaFinder; Norwegian Social Science Data Services (NSD); SCOPUS; The Index of Information Systems Journals; The Standard Periodical Directory; UGC-CARE List (India); Ulrich's Periodicals Directory; Web of Science; Web of Science Science Citation Index Expanded (SCIE)