Editorial

This third issue of the eighth volume of JIDM brings two sections with extended and revised versions of best papers from WebMedia 2016, the Brazilian Symposium on Multimedia and the Web, and SBBD 2016, the Brazilian Symposium on Databases. WebMedia was held in Teresina, Brazil, from November 8th to November 11th 2016. SBBD occurred in Salvador, Brazil, during October 4-7, 2016. We had guest editors who were in charge of selecting the best papers from these symposia and conducting the evaluation processes. Roberto Willrich and Javam C. Machado served as the guest editors of WebMedia and SBBD, respectively.

The first section features three articles that are extended and revised versions of select papers presented at WebMedia 2016. WebMedia is the most important forum for researchers and professionals in the Multimedia, Hypermedia and Web areas in Brazil. Data and information management pervade most of the WebMedia's works, from multimedia/multimodal to semi/non-structured data management, pattern discovery and information retrieval. The articles included in this edition exemplify this characteristic, covering a diverse range of themes. The first article is entitled "Ensemble Clustering Approaches Applied in Group-based Collaborative Filtering Supported by Multiple Users' Feedback", by A. F. da Costa, M. G. Manzato and R. J. G. B. Campello. It proposes the use of two ensemble clustering approaches to enhance the accuracy of recommender systems by taking advantage of distinct types of users' feedback. The article "On the Evaluation of a Contextual Sensitive Data Offloading Service: the COP case", by Francisco Gomes et. al., presents a contextual data migration service from mobile devices to a cloud, taking data privacy policies and contextual data sensitivity into account. Finally, the article "LiveSync: a Method for Real Time Video Streaming Synchronization from Independent Sources", by M. N. de Amorim, R. M. C. Segundo and C. A. S. Santos, presents a novel method to synchronize live video streams from multiple sources.

The second section has extended and revised versions of four select papers presented at SBBD 2016. SBBD is the official database event of the Brazilian Computer Society (SBC) and the largest venue in Latin America for presentation and discussion of research results in the databases domain. The first article included in this section of JIDM is entitled "Combining Semi-supervision and *Hubness* to Enhance High-dimensional Data Clustering", by M. C. de Lima, M. C. N. Barioni and H. L. Razente. It presents a novel clustering approach that explores semi-supervised learning with density estimation based on *hubness* scores to improve clustering accuracy for data of high-dimensionality. The article "Identifying Sentiment-based Contradictions", by D. S. Vargas and V. Moreira, presents an extension of classical techniques for text contradiction based on sentiment analysis with an additional step that performs filtering process. Relying on logistic regression, it also proposes an automatic method for choosing the most representative positive and negative words. The article "Fast Parallel Set Similarity Joins on Many-core Architectures", by Sidney Ribeiro-Junior et. al., proposes GPU parallel processing for the set similarity join operation. gSSJoin is a parallel algorithm that implements an inverted index used to efficiently find similar sets. sf-gSSjoin is an extension of gSSJoin for dealing with large datasets that do not fit in GPU memory by including a block division scheme. It also applies prefix filtering to prune different pairs of sets at the join operation. Finally, the article "ALOCS: An Allocation-aware Key-value Repository", by Patrick A. Bungama et. al., presents an allocation strategy for distributed data stores based on grouping key-value pairs. This allows for reduction of inter-server communication in a storage infrastructure improving the performance of query processing in a distributed system.

We would like to thank everybody who contributed to this edition of JIDM, particularly reviewers for their valuable comments and authors for their contributions and hard work in preparing their final manuscripts. We hope you enjoy this issue of JIDM!

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