Guest Editorial Preface

Special Issue on Trends in Information Systems:
A Portuguese-Speaking Perspective

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Information Systems in Knowledge Creation, Education and Training is the subject of the CAPSI 2015, the conference of the Portuguese Association of Information Systems. It aimed to highlight the importance of information systems and technologies in the dissemination of knowledge and in the training of people, in educational and research institutions as well as in business firms. This edition of the CAPSI took place in Lisbon at ISCTE-IUL, Portugal. It presented a broad range of research topics that are being addressed by the Portuguese language speaking community, including submissions not only from Portugal but also from Brazil, Angola, and Mozambique.

This special issue presents a selection of the most relevant papers presented at the conference that are key topics in the current context of information systems. Two of them are clearly related to the emerging and growing area of big data and text mining. In the paper "A Smart System for Twitter Corpus Collection, Management, and Visualization" the authors present a new approach to retrieve data from Twitter. The paper "Sentiment Analysis with Text Mining in the Context of Big Data" contributes to provide meaning to retrieved tweeters. The paper "A Proposal for UTAUT Model Extension in the Virtual Learning Environments use as Presential Learning Support Context" presents a theoretical contribution to the extension of the UTAUT model in the context of virtual learning environments. The paper "Infrastructure Profiles and Knowledge Sharing" presents a field study that analyses the role of information technologies and top management concerning knowledge sharing.

As organizers of the CAPSI 2015 we wish to thank: the authors for contributing with these high-quality papers; the referees who have critically evaluated the papers; the editors of the IJTHI for publishing this special issue. Finally, we hope the reader will share our joy and find this special issue useful.

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