

GUEST EDITORIAL PREFACE

Special Issue on the 8th Iberian Conference on Information Systems and Technologies

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The Iberian Association for Information Systems and Technologies (AISTI by its Spanish/Portuguese acronym) has been founded in 2007, and is a technical-scientific, non-profit association, whose purpose is the promotion and deployment of the Information Systems and Technologies domain in the Iberian Space, encouraging relations among academic, research, business and social. One of the main activities of the AISTI is to organize the annual CISTI (Iberian Conference on Information Systems and Technologies by its Spanish/Portuguese acronym) conference.

CISTI conference is a technical and scientific event, whose purpose is to present and discuss knowledge, new perspectives, experiences and innovations in the Information Systems and Technologies field. Authors are encouraged to submit original scientific contributions such as state-of-art reviews and new research perspectives, groundbreaking ideas and/or architectures, solutions and/or applications for real problems, empirical and/or evaluation works, case studies, etc., in conformity with the themes of the Conference. The main themes, although

they are not intended as restrictive, proposed for the conference are the following: 1) Organizational Models and Information Systems, 2) Knowledge Management and Decision Support Systems, 3) Software Systems, Architectures, Applications and Tools, 4) Computer Networks, Mobility and Pervasive Systems, 5) Human Centered Computing, 6) Health Informatics, and 7) Information Technologies in Education.

CISTI 2013 has been the 8th Iberian Conference on Information Systems and Technologies held in Lisbon, Portugal, between the 18th and 22th of June 2013.

This Special Issue includes a set of papers presented at CISTI 2013 and extended to be considered in IJHCITP. All submissions were subjected to a “blind review” by at least two members of the Scientific Committee. Based on the reviews and our reading of the papers, three high-quality papers have been selected to be published in this Special Issue. These papers were complemented with two regular submissions of the journal. Contributions of these three papers are summarized as follows:

The paper of F. Antunes, and J.P. Costa, *Reviewing Motivations for Engaging in Decision Support Social Networks*, reviews the motivations for people to engage in decision support social networks, from existing connections between social network sites and decision support. The paper also identifies some problems in engaging in decision support social networks and discusses potential solutions.

In the paper of A. Bento, R. Bento, L. White, and A. Bento, *Strategic Information Systems and Business Outcomes*, a large-scale study of 1,990 responses from practitioners in a wide range of industries developed and tested a model of relationships among a specific type of strategic information system -- strategic performance measurement systems (SPMS) -- characteristics and business outcomes. Authors found that two SPMS characteristics (design purpose and information technology use), together with system effectiveness, explain close to 50% of the SPMS impact on business results.

The paper of C. Olaverri-Monreal, A. E. Hasan, and K. Bengler, *Intelligent Agent (IA) Systems to Generate User Stories for a Positive User Experience*, presents a framework based

on Intelligent Agent (IA) systems to semi-automatically generate user stories in order to facilitate the process of capturing software products functionality. The system was classified as easy to use and suitable to perform the intended tasks and it also met users' expectation.

The Special Issue editors would like to take this opportunity to thank the authors for their papers and the reviewers for their comments and suggestions. Particular thanks are due to the Coordinating and Local Organizing Committee of CISTI 2013 along with Scientific Committee members. Finally, we would like to thank Editor-in-Chief, Ricardo Colomo-Palacios, for his endless support during the editorial process. We also would like to thank the support of everis Foundation and Universidad Politécnica de Madrid through the Research Chair in Software Process Improvement for Spain and Latin American Region.

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Magdalena Arcilla-Cobián holds a PhD in Computer Science. She is an assistant professor in the Computer Science School at the Universidad Nacional de Educación a Distancia (Open University). She is teaching in the area of Software Engineering, specifically in the domain of software process management and improvement. She worked in a software development company (CustomWare) for eight years. She has participated as consultant implementing quality and service management systems (ISO 9000 and ISO 20000). She is an author of papers related to process improvement, mainly in the service domain. She holds the ITIL® v2 and v3 Foundation certificates.