



The 9th edition of the Applied Computing International Conference (AC 2012) was hosted in Madrid, Spain, during 19-21 October, 2012.

This conference was organized by the International Association for Development of the Information Society (IADIS).

Once again, this conference aimed to address the main issues of concern within the applied computing area and related fields. It covered essentially technical aspects. Its areas of interest were: Agent Systems and Applications, Algorithms, Applied Information Systems, Bioinformatics, Case Studies and Applications, Communications, Data Mining, Database Systems, E-Commerce Theory and Practice, Embedded Systems, Evaluation and Assessment, Global Tendencies, Grid Computing, Information Retrieval, Intelligent Systems, Mobile Networks and Systems, Multimedia, Networking, Object Orientation, Parallel and Distributed Systems, Payment Systems, Programming Languages, Protocols and Standards, Security, Semantic Web, Software Engineering, Storage Issues, Technologies for E-Learning, Wireless Applications, WWW Applications, WWW Technologies, Ubiquitous Computing, Usability Issues, Virtual Reality, Visualization, XML and other Extensible Languages



The Applied Computing 2012 Conference had 188 submissions from more than 32 countries. Each submission had been anonymously evaluated by an average of five independent reviewers, to guarantee the final high standard of the accepted submissions. Out of the papers submitted, 41 received blind referee ratings that signified acceptability for publication as full papers (acceptance rate below 22%), while some others were published as short papers, reflection papers and posters /demonstrations.

Extended versions of the best papers were selected to be published in:

- ❖ the IADIS International Journal on Computer Science and Information Systems (IJCSIS). ISSN 1646-3692.



The Conference Program featured an opening and closing sessions, parallel paper sessions and one Keynote Presentation. The keynote presentation was given by Prof. Ramon Lopez-Cozar Delgado, SISDIAL Research Group, Dept. of Languages and Computer Systems, Faculty of Computer Science and Telecommunications, University of Granada, Spain.



Keynote Presentation:

“AFFECTIVE COMPUTING APPLIED TO SPOKEN DIALOGUE SYSTEMS”



by Prof. Ramon Lopez-Cozar Delgado, SISDIAL Research Group, Dept. of Languages and Computer Systems, Faculty of Computer Science and Telecommunications, University of Granada, Spain

The Applied Computing 2012 was published in hard copy (Book ISBN: 978-989-8533-14-2) and also in CD-ROM (ISBN: 978-989-8533-15-9) by IADIS Press.



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