



The 8th edition of the Applied Computing (AC) International Conference was hosted in Rio de Janeiro, Brazil, during 6-8 November, 2011.

This event was organized by the International Association for Development of the Information Society (IADIS) and co-organized by UNIRIO.

Co-organized by:



The 2011 edition tried to address the key aspects of concern within the applied computing area and related fields. This conference covered fundamentally technical aspects. The subsequent thirty-six areas were object of paper and poster submissions: Agent Systems and Applications; Algorithms; Applied Information Systems; Case Studies and Applications; Communications; Data Mining; Database Systems; E-Commerce Theory and Practice; Embedded Systems; Evaluation and Assessment; Global Tendencies; Information Retrieval; Intelligent Systems; Mobile Networks and Systems; Multimedia; Networking; Object Orientation; Parallel and Distributed Systems; Payment Systems; Programming Languages; Protocols and Standards; 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 2011 Conference had 243 submissions from more than 28 countries. Each submission was blindly evaluated by an average of 4 independent reviewers, to ensure the final high standard of the accepted submissions. Out of the submitted papers, 50 got blind referee ratings that published them as full papers, which meant that the acceptance rate was below 21 %. Some other submissions were published as short papers and posters.

Also, 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, besides the opening and closing sessions, the presentation of full papers, reflection papers, short papers and posters also featured two keynote presentations given by Professor Dinesh Kumar, Associate Professor of Biosignals at RMIT University, Australia and Professor Renata Mendes de Araújo, UNIRIO – Federal University of State of Rio de Janeiro, Brazil.

Keynote Presentation:

“SECURE BIOMETRICS”



by Professor Professor Dinesh Kumar Associate Professor of Biosignals at RMIT University, Australia



Keynote Presentation:

“OPPORTUNITIES AND CHALLENGES FOR INFORMATION SYSTEMS APPLIED RESEARCH IN BRAZIL”



by Professor Renata Mendes de Araújo UNIRIO - Federal University of State of Rio de Janeiro, Brazil

Finally, The Applied Computing 2011 was published in hard copy (Book ISBN: 978-989-8533-06-7) and also in CD-ROM (ISBN: 978-989-8533-07-4) by IADIS Press.



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