The 2nd edition of the Applied Computing International Conference was held in Algarve, Portugal, during 22-25 February, 2005.

The Applied Computing 2005 (AC 2005) was organized by the International Association for Development of the Information Society (IADIS).

The Applied Computing conference aimed to address the main issues of concern within the applied computing area and related fields. This conference covered mainly technical aspects. These thirty-three topics were object of 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.

This edition had 283 submissions from more than 30 countries. Each submission was reviewed anonymously by two independent reviewers, to ensure the final high standard of the accepted submissions. Out of the submitted papers, 73 got blind evaluation ratings that accepted them as full papers, while some others were accepted as short papers and posters /demonstrations.

Moreover, 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, the presentation of full papers, short papers and posters and also two keynotes presentations by Professors Marcin Paprzycki, Computer Science Department, Oklahoma State University, Tulsa, Oklahoma, USA Mathematics and Computer Science, Adam Mickiewicz University, Poznań, Poland and Ajith Abraham, Distinguished Visiting Professor IITA Professorship Program School of Computer Science and Engineering, Chung-Ang University, South Korea.

Keynote Presentation:

"ENGINEERING HYBRID SOFT COMPUTING SYSTEMS"

by Dr. Ajith Abraham, Distinguished Visiting Professor IITA Professorship Program School of Computer Science and Engineering, Chung-Ang University, S. Korea

Keynote Presentation:

"DESIGNING AGENT SYSTEMS"

by Dr. Marcin Paprzycki, Computer Science Department, Oklahoma State University, Tulsa, Oklahoma, USA Mathematics and Computer Science, Adam Mickiewicz University, Poznań, Poland

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