

Sabo Sambath  
Egui Zhu (Eds.)

# Frontiers in Computer Education

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# Frontiers in Computer Education

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## ICFCE 2011 Preface

2011 International Conference on Frontiers in Computer Education (ICFCE 2011) is held in Macao, China, on December 1-2, 2011.

Computing and communication technology continue to make an ever-increasing impact on all aspects of cognition, education and training, from primary to tertiary and in the growing open and distance learning environment. The proceedings is an established technically-based, interdisciplinary forum for communication in the use of all forms of computing in this socially and technologically significant area of application and will continue to publish definitive contributions to serve as a reference standard against which the current state-of-the-art can be assessed.

The Editors welcome any papers on cognition, educational or training systems development using techniques from and applications in any technical knowledge domain: social issues and gender issues; curricula considerations, graphics, simulations, computer-aided design, computer integrated manufacture, artificial intelligence and its applications including intelligent tutoring systems and computer assisted language learning; hypertext and hypermedia; user interfaces to learning systems; management of technological change on campus and in local education; uses of advanced technology information systems, networks, terrestrial and satellite transmissions and distributed processing; and virtual reality in an educational context; state-of-the-art summaries and review articles.

ICFCE 2011 is to bring together researchers working in many different areas of frontiers in computer education to foster international collaborations and exchange of new ideas.

We encompass lots of topics and applications related to the conference. Much of the credit of the success of the conference is due to topic coordinators who have devoted their expertise and experience in promoting and in general co-ordination of the activities for the organization and operation of the conference. The coordinators of various session topics have devoted a considerable time and energy in soliciting papers from relevant researchers for presentation at the conference. The Chairpersons of the different session played important role in conducting the proceedings of the session in a timely and efficient manner and the Committee expresses sincere appreciation for their involvement. The reviewers of the manuscripts, who by tradition would remain in anonymous, have been very helpful in efficiently reviewing the manuscripts, providing valuable comments well within the time allotted to them. The editors express their sincere and grateful thanks to all these people.

Thanks go to reviewers, editors and members of association for the preparation of the conference and the proceedings. Special thanks should also be given to the authors of the conference. It's you make the conference a success. We hope you can gain more than expected for the proceedings.

October 2011

Sabo Sambath and Egui Zhu

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