



# **NEW ADVANCES in MULTIMEDIA SYSTEMS & SIGNAL PROCESSING**

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MULTIMEDIA SYSTEMS & SIGNAL PROCESSING (MUSP '10)**

**Hangzhou, China, April 11-13, 2010**

**Hosted and Sponsored by:  
China Jiliang University  
Zhejiang University of Technology  
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**Preface**

This year the 10th WSEAS International Conference on MULTIMEDIA SYSTEMS & SIGNAL PROCESSING (MUSP '10) was held in Hangzhou, China, April 11-13, 2010. The conference remains faithful to its original idea of providing a platform to discuss filter design and structures, fast algorithms, nonlinear signals and systems, spectral estimation, speech enhancement and noise reduction, machine vision, evolutionary computation, programmable signal processors, optimization problems in signal processing, robotics etc. with participants from all over the world, both from academia and from industry.

Its success is reflected in the papers received, with participants coming from several countries, allowing a real multinational multicultural exchange of experiences and ideas.

The accepted papers of this conference are published in this Book that will be indexed by ISI. Please, check it: [www.worldses.org/indexes](http://www.worldses.org/indexes) as well as in the CD-ROM Proceedings. They will be also available in the E-Library of the WSEAS. The best papers will be also promoted in many Journals for further evaluation.

A Conference such as this can only succeed as a team effort, so the Editors want to thank the International Scientific Committee and the Reviewers for their excellent work in reviewing the papers as well as their invaluable input and advice.

The Editors



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