

## Introduction

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# The 17th International Conference on Systems, Signals and Image Processing (IWSSIP)

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*Chairman of 17th International Conference on Systems, Signals and Image Processing, IWSSIP 2010 held in Rio de Janeiro, Brazil*

The 17th International Conference on Systems, Signals and Image Processing (IWSSIP) was held in Rio de Janeiro, Brazil, June 17–19, 2010. The conference was organized by Federal Fluminense University (UFF), in co-operation with SBC (Sociedade Brasileira de Computação), ABCM (Associação Brasileira de Ciências Mecânicas), ABEPRO (Associação Brasileira de Engenharia de Produção), and IEEE Region 9/Latin America and sponsored by CAPES- MEC (Coordenação de Aperfeiçoamento de Pessoal de nível Superior – Ministério da Educação), FAPERJ (Fundação de Amparo à Pesquisa do Estado do Rio de Janeiro) and UFF (Federal Fluminense University). IWSSIP is an annual event on signal and image processing systems. It brings together researchers and developers from both academia and industry to discuss major issues and to debate the state-of-the-art systems. We had 193 papers submitted for possible presentation at IWSSIP'2010. Out of these, 126 papers from 38 countries were accepted for presentation at the conference and inclu-

sion in its proceedings in the form of a CD (<http://www.ic.uff.br/iwssip2010/>).

Authors of 22 most innovative papers were invited to submit substantially improve and updated papers for possible publication in this special issue. Each substantially extended paper was subsequently reviewed by 4 to 9 reviewers using the ICAE review form. The seven papers that passed through the journal's rigorous review process successfully are included in this issue. We would like to express our thanks to all the reviewers and authors for their efforts during the process. We hope that this will be an interesting report and a high-impact issue on the latest advances in the area. Our very special thanks to Prof. Dr. Hojjat Adeli, founder and editor-in-chief of the journal, for his great job in identifying and publishing the highest quality papers. This volume would not have been possible without his immense experience and effort. Finally, we wish to invite all readers to participate in the IWSSIP-2011 to be held in Sarajevo June 16–18.

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