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Advances in Pattern Recognition

Second Mexican Conference on
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Puebla, Mexico, September 27-29, 2010
Proceedings

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Preface

The Mexican Conference on Pattern Recognition 2010 (MCPR 2010) was the second event organized by the Mexican Association for Computer Vision, Neurocomputing and Robotics (MACVNR). These conferences provide a forum for exchanging scientific results and experiences, sharing new knowledge, and increasing the cooperation between research groups in pattern recognition and related areas, in Mexico, as well as international cooperation.

MCPR 2010 was held in Puebla, Mexico, it was hosted and sponsored by the Computer Science Department of the National Institute of Astrophysics, Optics and Electronics (INAOE), jointly with the Center for Computing Research of the National Polytechnic Institute (CIC-IPN).

From 89 full papers submitted, 39(43.8%) were accepted for publication in these proceedings and for presentation at the conference. The contributions originated from 20 different countries. The review process was carried out by the Scientific Committee, composed of internationally recognized scientists, all experts in their respective fields.

The conference benefited from the contributions made by the invited speakers: Edwin Hancock from the Department of Computer Science, University of York (UK); Guozhu Dong from the Data Mining Research Lab, Department of Computer Science and Engineering, Wright State University (USA); and Ernesto Bribiesca Correa from the Department of Computer Science of the Center for Research in Applied Mathematics and Systems of the National Autonomous University of Mexico, IIMAS-UNAM (Mexico). We would like to express our sincere gratitude to the invited speakers.

We would also like to thank the members of the Organizing Committee for their enormous effort that resulted in these excellent conference proceedings. We trust that the papers in this volume will provide not only a record of the recent advances in this rapidly moving field, but will also stimulate future applied and theoretical research in the different areas of pattern recognition.

We hope this edition of the Mexican Conference on Pattern Recognition becomes a cornerstone of a series of many future events engaging the Mexican pattern recognition researchers and practitioners in discourse with the broader international pattern recognition community.

September 2010

José Francisco Martínez-Trinidad
Jesús Ariel Carrasco-Ochoa
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