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Preface

The 2014 Mexican Conference on Pattern Recognition (MCPR 2014) was the sixth MCPR conference jointly organized by the Computer Science Department of the National Institute for Astrophysics Optics and Electronics (INAOE) of Mexico and the Autonomous University of Puebla, under the auspices of the Mexican Association for Computer Vision, Neurocomputing, and Robotics (MACVNR), which is a member society of the International Association for Pattern Recognition (IAPR). This year, MCPR was held in Cancun, Mexico, during June 25-28, 2014.

As its name suggests, the conference attracts Mexican researchers and the broader international community in the area of pattern recognition. MCPR provides a forum for the exchange of scientific results, practice, and recently acquired knowledge, and also promotes cooperation among research groups in pattern recognition and related areas in Mexico and the rest of the world.

A total of 68 manuscripts, from 19 countries were received, resulting in 39 accepted papers. Each of these submissions was strictly peer-reviewed by at least two reviewers of the Program Committee, which consisted of 193 outstanding researchers, all of whom are specialists of pattern recognition.

The technical program of the conference included lectures of the following distinguished keynote speakers: Professor Ching Y. Suen, Centre for Pattern Recognition and Machine Intelligence, Concordia University, Canada; Professor Carlo Tomasi, Department of Computer Science, Duke University, USA; and Professor Fazel Famili, School of Electrical Engineering and Computer Science, University of Ottawa, Canada. They also presented enlightening tutorials during the conference. To all of them, we express our sincere gratitude for these presentations.

The selection of papers was extremely rigorous in order to maintain the high quality of the conference. We would like to thank the members of the Program Committee for their hard work in the reviewing process. This process is essential to the creation of a conference of high standard. We are also grateful to all of the authors who submitted papers to the conference, MCPR would not exist without their contributions.

For this edition of MCPR, the authors of accepted papers were invited to submit expanded versions of their papers for possible publication in a special issue titled “Advances in Pattern Recognition Methodologies and Applications” that will be published in Elsevier’s Neurocomputing.

Finally, our thanks go to IAPR (International Association for Pattern Recognition), for sponsoring one IAPR invited speaker at MCPR 2014, and also to the National Council of Science and Technology (CONACYT) and the Secretariat of Public Education (SEP) of Mexico for providing a key support to this event.
The next edition of MCPR will be held in the Center for Computing Research of the National Politechnique Institute of Mexico in 2015.

June 2014

José Francisco Martínez-Trinidad
Jesús Ariel Carrasco-Ochoa
José Arturo Olvera-López
Joaquín Salas-Rodríguez
Ching Y. Suen
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MCPR 2014 was sponsored by the Computer Science Department of the National Institute of Astrophysics, Optics and Electronics (INAOE) and the Autonomous University of Puebla, Mexico.

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