

# Preface

MCPR 2015 was the seventh Mexican Conference on Pattern Recognition. This edition was jointly organized by the Computer Science Department of the National Institute for Astrophysics Optics and Electronics (INAOE) of Mexico and the Center for Computing Research of the National Polytechnic Institute of Mexico (CIC-IPN), 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). MCPR 2015 was held in Mexico-City, Mexico, during June 24–27, 2015.

MCPR 2015 attracted not only Mexican researchers but as in previous years; it also included worldwide participation. MCPR provided to the Pattern Recognition community a space for scientific research exchange, sharing of expertise and new knowledge, and establishing contacts that improve cooperation between research groups in pattern recognition and related areas in Mexico and the rest of the world.

Three invited speakers gave keynote addresses on various topics in pattern recognition:

- Prof. Xiaoyi Jiang, Department of Computer Science, University of Münster, Germany.
- Prof. Martin Hagan, School of Electrical and Computer Engineering, Oklahoma State University, USA.
- Prof. Daniel P. Lopresti, Department of Computer Science and Engineering, Lehigh University, USA.

These prestigious researchers also presented enlightening tutorials during the conference. To all of them, we express our sincere gratitude and appreciation for these presentations.

We received contributions from 16 countries. In total 63 manuscripts were submitted, out of which 29 were accepted for publication in these proceedings and for presentation at the conference. Each of these submissions was strictly peer-reviewed by at least two members of the Program Committee, all of them are specialists in Pattern Recognition, who prepared an excellent selection dealing with ongoing research.

The selection of papers was extremely rigorous in order to maintain the high quality standard of the conference. We would like to thank the members of the Program Committee for their efforts and the quality of the reviews. Their work allowed us to offer a conference program of high standard. We also extend our gratitude to all authors who submitted their papers to the conference and our regrets to those we turned down.

The authors of selected papers have been invited to submit extended versions of their papers for a Special Issue of the Intelligent Data Analysis Journal published by IOS Press.

Finally, our thanks go to the National Council of Science and Technology of Mexico (CONACYT) for providing a key support to this event.

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