Preface

The Mexican Conference on Pattern Recognition 2017 (MCPR 2017) was the ninth event in the series organized by the Computer Science Department of the National Institute for Astrophysics Optics and Electronics (INAOE) of Mexico. This year the conference was jointly organized with the 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). MCPR 2017 was held in Huatulco, Mexico, during June 21–24, 2017.

This conference aims to provide a forum for the exchange of scientific results, practice, and new knowledge, as well as promoting collaboration among research groups in pattern recognition and related areas in Mexico and around the world.

As in previous years, MCPR 2017 attracted not only Mexican researchers but also worldwide participation. We received contributions from 16 countries. In total, 55 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 experts in their respective fields of pattern recognition, which resulted in these excellent conference proceedings.

Beside the presentation of the selected contributions, we were very honored to have as invited speakers the following internationally recognized researchers:

– Prof. Ajith Abraham, Machine Intelligence Research Labs, USA
– Prof. Sudeep Sarkar, Department of Computer Science, University of South Florida, USA
– Prof. Eduardo Francisco Morales Manzanares, Department of Computer Science, National Institute for Astrophysics Optics and Electronics, Mexico

These distinguished researchers gave keynote addresses on various pattern recognition topics and also presented enlightening tutorials during the conference. To all of them, we express our appreciation for these presentations.

We would like to thank all the people who devoted so much time and effort to the successful running of the conference. In particular, we extend our gratitude to all the authors who contributed to the conference. We are also very grateful for the efforts and the quality of the reviews of all Program Committee members and additional reviewers. Their work allowed us to maintain the high quality of the conference and provided a conference program of high standard.

We are sure that MCPR 2017 provided a fruitful forum for the Mexican pattern recognition researchers and the broader international pattern recognition community.

June 2017

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MCPR 2017 was sponsored by the Computer Science Department of the National Institute of Astrophysics, Optics and Electronics (INAOE).

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