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Preface

The Mexican Conference on Pattern Recognition 2021 (MCPR 2021) was the thirteenth event in the series organized by the Academic Division of Engineering of the Instituto Tecnológico Autónomo de México (ITAM) and the Computer Science Department of the National Institute for Astrophysics, Optics and Electronics (INAOE) of Mexico, 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 2021 was due to be held in Mexico City, during June 23–26, 2021.[1]

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

In this edition, as in previous years, MCPR 2021 attracted not only Mexican researchers but also worldwide participation. We received contributions from authors in 16 countries. In total 75 manuscripts were submitted, out of which 35 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.

We were very honored to have as invited speakers such internationally recognized researchers as

- Prof. Lei Zhang, Cloud & Artificial Intelligence, Microsoft, USA.
- Prof. Alessandro Vinciarelli, School of Computing Science and the Institute of Neuroscience and Psychology, University of Glasgow, UK.
- Prof. Julian Fierrez, Escuela Politécnica Superior, Universidad Autónoma de Madrid, Spain.

We would like to thank all the people who devoted so much time and effort to the successful running of MCPR 2021. In particular, we extend our gratitude to all the authors who contributed to the conference. We give special thanks to the invited speakers, who shared their keynote addresses on various Pattern Recognition topics during 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 contributions to conference and provided a conference program of high standard. Finally, but no less important, our thanks go to the Academic Division of Engineering of the Instituto Tecnológico Autónomo de México for providing key support to this event.

[1] The conference was held virtually due to the COVID-19 pandemic.

We are sure that MCPR 2021 provided a fruitful forum for Mexican Pattern Recognition researchers and the broader international Pattern Recognition community.

The next edition of MCPR will be held in Ciudad Juárez, Chihuahua, Mexico, in 2022.

June 2021

Edgar Roman-Rangel
Ángel Fernando Kuri-Morales
José Francisco Martínez-Trinidad
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José Arturo Olvera-López

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