

Proceedings of APPIS 2019
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Applications of Intelligent Systems

Edited by

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Foreword

This book contains scientific contributions presented at the 2nd International Conference on Applications of Intelligent Systems, APPIS 2019, held at Museo Elder of Science and Technology in Las Palmas de Gran Canaria, Spain, on 7-9 January 2019.

APPIS 2019 brought together scientists who work on theoretical and practical problems of intelligent systems for artificial intelligence, pattern recognition, machine learning and related techniques. APPIS 2019 emphasized the applicative aspects of these techniques to various problems.

APPIS 2019 featured three plenary lectures by the invited speakers Marco Aiello from the University of Stuttgart, Pasquale Foggia from the University of Salerno and João Manuel R. S. Tavares from the University of Porto.

We thank the members of the International Program Committee that contributed with extensive and timely reviews of the submitted manuscripts. We received 50 submissions for which the Program Committee members provided more than 150 reviews that guaranteed that 34 high-quality papers were included in this volume.

After the conference, a Winter School on Machine Learning (WISMAL 2019) was held, in which lectures were given by Markus van Almsick (Wolfram Research), Danilo Mandic (Imperial College London), Kerstin Bunte, Michael Biehl, Ahmad Alsahaf, Maria Leyva, Nicola Strisciuglio and Nicolai Petkov from the University of Groningen.

We are grateful to the staff of Museo Elder of Science and Technology, especially to the director Mr. José Gilberto Moreno García and Mrs. Arantxa Rodríguez Quintana for making this unique venue available for APPIS 2019 and helping with the local arrangements. We also thank the University of Groningen, the University of Las Palmas de Gran Canaria, Wolfram Research, the Gran Canaria Tourism Bureau and the Gran Canaria Patronato de Turismo office for their sponsorship and support.

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(co-chairmen of APPIS 2019 and co-editors of the proceedings)

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