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Applications of Intelligent Systems

Proceedings of the 1st International APPIS Conference 2018

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Preface

This book contains scientific contributions presented at the 1st International Conference on Applications of Intelligent Systems, APPIS 2018, held at the Museo Elder in Las Palmas de Gran Canaria, Spain, on 10–12 January 2018.

The aim of APPIS 2018 was to bring together those scientists who develop intelligent computer systems and methods for machine learning, artificial intelligence, pattern recognition and related techniques with an emphasis on their application to various problems.

APPIS 2018 featured three plenary lectures by the invited speakers: Petia Radeva from the Universitat de Barcelona, Michael Biehl from the University of Groningen, and Theo Gevers from the University of Amsterdam.

We would like to thank the members of the International Technical Program Committee, who provided timely and thorough reviews of the submitted papers and guaranteed that only high-quality contributions were selected to be included in these proceedings. We would also thank the University of Groningen, the University of Las Palmas de Gran Canaria and the Gran Canaria Tourism Bureau for their sponsorship.

We are very grateful to the administration of the 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 2018, and also for their help with local arrangements.

September 2018

Nicolai Petkov
Nicola Strisciuglio
Carlos M. Travieso-González

(co-chairs of APPIS 2018 and co-editors of the proceedings)

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