

Advances in Intelligent Systems and Computing

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Proceedings of the International Conference on Advanced Intelligent Systems and Informatics 2017

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Preface

The 3rd International Conference on Advanced Intelligent Systems and Informatics (AISI 2017), which took place in Cairo, Egypt, during September 9–11, 2017, is an international interdisciplinary conference covering research and development in the field of informatics and intelligent systems. The 3rd edition of AISI 2017 is organized by the Scientific Research Group in Egypt (SRGE) and technically sponsored by the IEEE Computational Intelligence Society (Egypt chapter), the IEEE Robotics and Automation Society (Egypt Chapter), International Rough Sets Society (Egypt Chapter). AISI is organized to provide an international forum that brings together those who are actively involved in the areas of interest, to report on up-to-the-minute innovations and developments, to summarize the state of the art, to exchange ideas and advances in all aspects of informatics and intelligent systems, technologies, and applications. The conference has five major tracks:

- Intelligent Language Processing
- Intelligent Systems
- Intelligent Robotics Systems
- Informatics
- Internet of Things and Big Data Analytics

All submissions were reviewed by three reviewers in average, with no distinction between papers submitted for all conference tracks. We are convinced that the quality and diversity of the topics covered will satisfy both the attendees and the readers of these conference proceedings. We express our sincere thanks to the plenary speakers, special session chairs, workshop chairs, and international program committee members for helping us to formulate a rich technical program. We would like to extend our sincere appreciation for the outstanding work contributed over many months by the Organizing Committee: Local Organization Chair and Publicity Chair. We also wish to express our appreciation to the SRGE members for their assistance. We would like to emphasize that the success of AISI 2017 would not have been possible without the support of many committed volunteers who generously contributed their time, expertise, and resources toward making the conference an unqualified success. Finally, thanks to Springer team for their

supporting in all stages of the production of the proceedings. We hope that you will enjoy the conference program.

Keywords

- Intelligent Systems, Intelligent Informatics, Computational Intelligence, Advanced Intelligent Systems, Cloud Computing, Internet of Things (IoT), Big Data Analytics, Intelligent Language Processing and Informatics

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