

Lecture Notes in Networks and Systems

Volume 64

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Modelling and Implementation of Complex Systems

Proceedings of the 5th International
Symposium, MISC 2018, December 16–18, 2018,
Laghouat, Algeria

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ISSN 2367-3370

ISSN 2367-3389 (electronic)

Lecture Notes in Networks and Systems

ISBN 978-3-030-05480-9

ISBN 978-3-030-05481-6 (eBook)

<https://doi.org/10.1007/978-3-030-05481-6>

Library of Congress Control Number: 2018963068

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This Springer imprint is published by the registered company Springer Nature Switzerland AG
The registered company address is: Gewerbestrasse 11, 6330 Cham, Switzerland

Preface

This volume contains research papers accepted and presented at the 5th international symposium on Modelling and Implementation of Complex Systems (MISC 2018), held on December 16–18, 2018, in Laghouat, Algeria. As the previous editions (MISC 2010, MISC 2012, MISC 2014 and MISC 2016), this symposium is intended as a tradition offering open forum and meeting space for researchers working in the field of complex systems science.

This year, the MISC symposium received 109 submissions from seven countries: Algeria, Canada, France, Saudi Arabia, Singapore, United Arab Emirates, and Yemen. In a rigorous reviewing process, the Program Committee selected 27 papers, which represents an acceptance rate of 25%. However, we have not received the camera-ready copies of two papers. So, the volume includes 25 papers. The PC included 98 researchers and 24 additional reviewers from ten countries.

The accepted papers were organized into sessions as follows: Cloud Computing and IoT, Metaheuristics and Optimization, Computational Intelligence and Software Engineering and Formal Methods.

We would like to thank the co-chairs of the program committee and all its members for their effort in the review process and the selection of the papers.

We are grateful to the Organizing Committee members from the University of Laghouat and the University of Constantine 2 for their contribution to the success of the symposium.

Our thanks also go to the authors who submitted papers to the symposium for their interest to our symposium.

Enough thanks cannot be expressed to Dr Nabil Belala for managing *EasyChair system* for MISC'2018 from submissions to proceedings elaboration.

October 2018

Salim Chikhi
Abdelmalek Amine

Organization

The 5th international symposium on Modelling and Implementation of Complex Systems (MISC 2018) was co-organized by Abdelhamid Mehri, University of Constantine 2, and Amar Telidji, University of Laghouat, and took place in Laghouat, Algeria (December 16–18, 2018).

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