

Lecture Notes in Networks and Systems

Volume 255

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Progress in Image Processing, Pattern Recognition and Communication Systems

Proceedings of the Conference (CORES,
IP&C, ACS) – June 28–30 2021

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ISSN 2367-3370

ISSN 2367-3389 (electronic)

Lecture Notes in Networks and Systems

ISBN 978-3-030-81522-6

ISBN 978-3-030-81523-3 (eBook)

<https://doi.org/10.1007/978-3-030-81523-3>

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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 of LNNS contains the proceedings of the multi-conference consisting of three known and prestigious conferences with long tradition, namely:

- International Conference on Image Processing and Communications (IP&C 2021),
- International Conference on Computer Recognition Systems (CORES 2021),
- International Conference on Advanced Computer Systems (ACS 2021).

In 2021, we decided to hold a joint event in the city of Bydgoszcz at University of Science and Technology (UTP), but due to COVID-19 pandemic, the multi-conference is held virtually.

The multi-conference brought together the researchers, developers, practitioners and educators in the fields of image processing, computer recognition systems, networks, security and advanced computer systems.

The conference proceedings contains high-level papers which were selected through a strict review process. The presented papers are structured in several sections, namely:

- Advances in Pattern Recognition and Classifiers
- Progress in Image Processing and Computer Vision
- Practical Applications of Computer Recognition Systems
- Advances in ML for Security and Networks
- Progress in Advanced Computer Systems

Without the high-quality submissions from the authors, the success of the conference would not be possible. Therefore, we would like to thank all authors and also the reviewers for the effort they put into their submissions and evaluation.

We are also grateful to dr. Paweł Trajdos for editing this LNNS volume, as well as to Springer for publishing the IP&C, CORES and ACS proceedings in their Lecture Notes in Networks and Systems series.

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