

Communications in Computer and Information Science

931

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Parallel and Distributed Computing, Applications and Technologies

19th International Conference, PDCAT 2018
Jeju Island, South Korea, August 20–22, 2018
Revised Selected Papers

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ISSN 1865-0929 ISSN 1865-0937 (electronic)
Communications in Computer and Information Science
ISBN 978-981-13-5906-4 ISBN 978-981-13-5907-1 (eBook)
<https://doi.org/10.1007/978-981-13-5907-1>

Library of Congress Control Number: 2018966510

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Message from the PDCAT 2018 General Chairs

The International Conference on Parallel and Distributed Computing, Applications, and Technologies (PDCAT) is a major forum for scientists, engineers, and practitioners throughout the world to present their latest research, results, ideas, developments, and applications in all areas of parallel and distributed computing. Beginning in Hong Kong in 2000, PDCAT 2018 was held in Jeju, Korea, after 18 years of a successful journey through various countries/regions including Taiwan, Japan, China, Singapore, Australia, New Zealand, and Korea. For the 19th event we invited new and unpublished papers.

The conference papers included in the proceedings cover the following topics: PDCAT of Networking and Architectures, Software Systems and Technologies, Algorithms and Applications, and Security and Privacy. Accepted and presented papers highlight new trends and challenges of parallel and distributed computing, applications, and technologies. We hope readers will find these contributions useful and inspiring for their future research.

Our special thanks go to the program chairs: Houcine Hassan (Universitat Politècnica de Valencia, Spain), Hui Tian (Griffith University, Australia), Yunsick Sung (Dongguk University, South Korea), and all the Program Committee members and reviewers for their valuable efforts in the review process that helped us to guarantee the highest quality of the selected papers for the conference.

December 2018

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