## Preface

This volume contains the papers presented at Ural-PDC 2018: 4th Ural Workshop on Parallel, Distributed, and Cloud Computing for Young Scientists (`https://ural-pdc.org/2018/`) held on November 15, 2018 in Yekaterinburg, Russia.

Ural-PDC is jointly organized by the Krasovskii Institute of Mathematics and Mechanics and the Ural Federal University. The aim of the workshop is to build the community of young researchers who work on modern problems in parallel, distributed, cloud computing, and to provide an academic forum that fosters them to share their ideas and results.

The key topics of interest are high-performance computing, distributed computing, cloud computing, Big Data processing, parallel computing education, and various applications of parallel and distributed computing. We have received 20 submissions, each of which has been reviewed by at least two program committee members. The committee decided to accept 14 regualar papers and an invited paper on online encyclopaedia of numerical algorithms.

Last but not least, we are grateful to our program and organizing committees, who made the workshop possible.

December 12, 2018
Yekaterinburg, Russia

Dmitry Ustalov
Andrey Sozykin
Timofey Epanchintsev
Mikhail Chernoskutov

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