

Preface

This volume contains the papers presented at Ural-PDC 2015: 1st Ural Workshop on Parallel, Distributed and Cloud Computing for Young Scientists (<http://ural-pdc.org/>) held on November 17, 2015 in Yekaterinburg, Russia.

Ural-PDC is jointly organized by N.N. Krasovskii Institute of Mathematics and Mechanics of the Ural Branch of the Russian Academy of Sciences (IMM UB RAS) and Ural Federal University named after the first President of Russia B.N.Yeltsin (UrFU). 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 23 submissions, each of which has been reviewed by at least three program committee members. The committee decided to accept 14 papers.

We deeply thank our partners and sponsors—Intel, SKB Kontur, and Hewlett Packard Enterprise. Last but not least, we are grateful to our program and organizing committees, who made the workshop possible.

November, 2015
Yekaterinburg, Russia

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