

BOINC:FAST'2017

FIRST ANNOUNCEMENT AND CALL FOR PAPERS

BOINC-based High-performance computing: Fundamental and Applied Science for Technology
(BOINC:FAST'2017)
Third International Conference,
August 28 – September 01, 2017
Petrozavodsk, Russia
<http://boincfast.ru>

Sponsored by
Ministry of Education and Science
Russian Academy of Sciences
Russian Foundation for Basic Research

The Third International Conference “BOINC-based High-performance computing: Fundamental and Applied Science for Technology” will be held at the Institute of Applied Mathematical Research (Karelian Research Centre of Russian Academy of Sciences), Petrozavodsk, Russia, from August 28 to September 01, 2017.

The aims of the conference are

- sharing the experience and recent achievements in BOINC-related research and technologies,
- popularization of volunteer computing, Desktop Grids and BOINC,
- establishing the collaboration between research groups.

BOINC:FAST'2017 is focused on

- BOINC and technologies related to BOINC,
- mathematical modeling of volunteer computing, BOINC and its workflows,
- emerging applications for BOINC and new BOINC projects,
- challenging computational problems suitable for large-scale distributed computing,
- recent results and statistics of existing BOINC projects,
- applications of GP-GPU in BOINC projects.

The conference is organized by

- Institute of Applied Mathematical Research (Russian Academy of Sciences, Russia)
- Institute for Information Transmission Problems (Russian Academy of Sciences, Russia)
- Matrosov Institute for System Dynamics and Control Theory (Siberian Branch of Russian Academy of Sciences)
- Federal Research Center “Computer Science and Control” (Russian Academy of Sciences, Russia)

Original papers are solicited for the conference. A full paper (up to 15 pages) should be submitted by April 03, 2017. All contributions will be reviewed by the International Program Committee. Authors will be notified of acceptance by April 24, 2017. We will require camera-ready full papers by July 31, 2017.

The submission process is done via EasyChair, <https://easychair.org/conferences/?conf=boincfast2017>. If you face any difficulties, please contact the Secretary (boincfast@krc.karelia.ru). Only electronic submission of manuscripts is possible.

The first page should include (but not limited to) the following information: title, authors' full names, affiliation, addresses, telephone numbers, e-mail addresses. To gain the better understanding of your abstract, we also request it to include the following information: short review of related papers, formulation of the problem, objectives, description of results, main ideas, and list of references.

Submissions should be prepared in the style of Springer CCIS series (Microsoft Word, LaTeX). Please follow the guidelines at <http://www.springer.com/computer/lncs?SGWID=0-164-6-793341-0>

Accepted articles will be published by CEUR Workshop Proceedings (indexed in Scopus).

The official language of the Conference is English.

The organizers expect that the authors of selected papers will present their work at the Conference.

Proposals for workshops and 1/2 and full day tutorials will be considered.

IMPORTANT DATES

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| * Submission of the full paper | April 03, 2017 |
| * Notification of acceptance | April 24, 2017 |
| * Camera-ready version of the accepted paper | July 31, 2017 |

CONTACT INFORMATION

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