

BOINC:FAST'2015

FIRST ANNOUNCEMENT AND CALL FOR PAPERS

BOINC-based High-performance computing: Fundamental and Applied Science for Technology
(BOINC:FAST'2015)
Second International Conference, September, 14 -18, 2015
Petrozavodsk, Russia
<http://boincfast.ru>

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

The Second 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 September 14 to September 18, 2015.

The aims of the conference are

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

BOINC:FAST'2015 is focuses on

- BOINC and technologies related to BOINC,
- mathematical modelling of BOINC and its workflows,
- new applications for BOINC and new BOINC projects,
- recent results and statistics of existing BOINC projects,
- GPU applications in BOINC projects.

The conference is organized by

- International Desktop Grid Federation,
- UC Berkeley, USA,
- Institute for Computer Science and Control, Hungarian Academy of Sciences (Hungary)
- Institute of Applied Mathematical Research, Karelian Research Centre, Russian Academy of Sciences (Russia),
- Institute for Information Transmission Problems, Russian Academy of Sciences (Russia).

Original papers are solicited for the conference. A full paper (up to 15 pages) should be submitted by February 22, 2015. All contributions will be reviewed by the international Program Committee. Authors will be notified of acceptance by April 27, 2015. We will require camera-ready full papers by May 31, 2015.

In order to submit a paper or just indicate your interest in the BOINC:FAST'2015, please register at the site of the conference <http://boincfast.ru> and follow the instructions which you will

find there. 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 be 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 look at <http://www.springer.com/computer/lncs?SGWID=0-164-6-793341-0> The Conference Proceedings is planned to be published as the volume of the Springer in Communications in Computer and Information Science Series(CCIS). CCIS is abstracted/indexed in DBLP, Google Scholar, EI-Compendex, Mathematical Reviews, SCImago and Scopus. We plan also to publish selected papers in a special issue of an indexed international journal.

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 | February 22, 2015 |
| * Notification of acceptance | April 27, 2015 |
| * Camera-ready version of the accepted paper | May 31, 2015 |

CONTACT INFORMATION

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