Contribution ID: **95**   Type: **sectional reports**

NETMAX@HOME THE PROJECT OF THE VOLUNTARY DISTRIBUTED COMPUTING

Wednesday, 2 July 2014 15:30 (30 minutes)

For researches in the field of imitating modeling of telecommunication networks the project of [1] voluntary distributed computing NetMax@home was created. The project was created on the BOINC platform. At a stage of internal testing and at a project definition phase to public access some features of functioning of the project of the voluntary distributed computing without which efficiency of calculation significantly decreased were revealed, and popularity of the project was small. Certain factors significantly influenced involvement of new users and preservation of loyalty of active users in the project of voluntary computing. Such factors as the publication of new information on a project website, support of existence of a large number of the tasks ready to sending, providing feedback are key when ensuring operability of the project. Completion of the settlement module according to the revealed features was required. It is possible to carry a preliminary estimate of time of calculation of a work unit, formation of results of calculations of a certain size, desirable use of control points and tracking to such features. After several tests planning of experiment was corrected and were undertaken a number of steps for acceleration of calculation of a totality of tasks of experiment.

[1] Ilya I. Kurochkin: Results of work of the Netmax project on the BOINC platform on modeling of functioning of telecommunication networks. / Conference BOINC:FAST-2013, Russia, Petrozavodsk. 9-13 september 2013. (http://boincfast.ru/papers/kurochkin.pdf)

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Session Classification: Desktop grid technologies and volunteer computing

Track Classification: Section 7 - Desktop grid technologies and volunteer computing