

**Название публикации:**

The dependence of sites speed factor from the declared HS06

**Авторы:**

Matskovskaya, V.A.a, Sciabá, A.b

- a) Plekhanov Russian University of Economics, 36 Stremyanny Per., Moscow, 117997, Russian Federation
- b) CERN, Geneva 23, CH-1211, Switzerland

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**Аннотация:**

The work started with the existing data analysis for the ATLAS experiment, designed to measure the processing speed of various ATLAS sites. The main task was to adapt the analysis so that it was fully automated and could be integrated into the ATLAS monitoring system. Another goal was to check whether the processing speeds declared by sites as "corepower" (i.e. the HEPspec06 benchmark score divided by "corepower") are well correlated with the rates established by this method and measure this correlation quantitatively. As a result, it was decided to continue the study, repeat the analysis and test individual sites for which there is a significant discrepancy from the reference values, measure and adjust the speed of various CPU models with their HS06 estimates. © 2018 Victoria Matskovskaya, Andrea Sciabá.

**Ключевые слова:**

ATLAS, Corepower, Grid Sites, HepSPEC06, Kibana, Speed factor