



ORGANISATION EUROPEENNE POUR LA RECHERCHE NUCLEAIRE
EUROPEAN ORGANIZATION FOR NUCLEAR RESEARCH

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To: JINR Scientific Council Д 720.001.04
Professor Vladimir Korenkov
JINR LIT Director
Professor Victor Ivanov
JINR Д 720.001.04 Scientific Council Chair

E-mail : Ian.Bird@cern.ch

Votre référence/Your reference:
Notre référence/Our reference:

Subject: Support for Dr. Alexei Klimentov

Geneva, January 16, 2018

Dear Professor Ivanov, and Professor Korenkov,

As Project Leader and Director of the Worldwide LHC Computing Grid (WLCG) I would like to express my full support for Dr. Alexei Klimentov. The WLCG organizes and supports the globally distributed computing and storage infrastructure for the four main LHC experiments, and collaborates strongly with many national and international infrastructure initiatives to achieve that.

The LHC experiments have led the way in managing and processing large multi-Petabyte data sets, and the benefits of that expertise have been very visible recently with the announcement of the discovery of a Higgs-like particle. This discovery would not have been possible without the world-wide distributed data infrastructure built and operated by the LHC experiments and their collaborators. This infrastructure has built tools to not only manage the huge data volumes, but also to deal with the complex and distributed workflows. As we have seen, that experience and expertise is relevant for many other large data science projects, and in particular Dr. Klimentov has brought that experience to Russian megascience projects that have very-large scale data requirements, or that require complex workflows.

As the leader of the ATLAS experiment's Distributed Computing effort from 2009-2013, Dr. Klimentov was responsible for coordinating over 100 researchers, and ensured that the global distributed computing system for ATLAS was well adapted to the needs of the experiment during the crucial period of the start up of the LHC to the discovery of the Higgs, he also designed and led the ATLAS Production System. More recently, Alexei has played a key role in defining the computing model for ATLAS, and for the broader HENP community, as we look forward to the HL-LHC era, recognizing opportunities for improvements and innovation, based on the experience of the operation of the LHC in Run 1 and Run 2.

In 2014 A.Klimentov has proposed, set up and currently is leading the megaPanDA project and "Big Data Technologies" Laboratory in the Russian National Research Centre: "Kurchatov Institute". The proposal for the megaPanDA project in Russia under the leadership of Alexei Klimentov was the next major step. This project has vital contributions in many areas, in particular in HPC / HTC integration.

His experience combines the ability to manage world-class research teams, as well as ensuring that the younger generation of researchers and computing specialists receive the best possible training and real-world experience.

I have no hesitation in recommending Dr. Klimentov for your consideration for future leading roles.



Yours Sincerely,

A handwritten signature in blue ink, appearing to read "I. Bird".

Dr. Ian Bird
LHC Computing Grid Project Leader
IT Department
CERN