

netherlands

eScience center

September 21, 2015

To

Alexandru Iosup
PDS group, TU Delft
Room HB070.050
Mekelweg 4, 2628CD Delft
The Netherlands

Dr. R.V. van Nieuwpoort
Director of technology
Netherlands eScience center
Matrix 140 1098XG Amsterdam

CC

STW, NWO

Innovational Research Incentives Scheme
PO Box 93138, NL-2509 AC
Hague, the Netherlands
vi@nwo.nl

Dear Alexandru,

It is my pleasure to support you and your VIDI project proposal MagnaData. I and NLeSC are interested in the innovative resource management and scheduling techniques you propose to develop in MagnaData. I agree to be member in the MagnaData User Advisory Board.

The mission of the Netherlands e-Science Center is to transform scientific practice by enabling digitally enhanced research through efficient utilization of data, software and e-infrastructure. Always driven by a research problem, we create new software but also re-use existing software when appropriate. NLeSC constructs an open platform called eSTeP of well-tested and well-designed software to be (re)used in research. How to manage and schedule the resources used by complex data services, which is the core research question asked by MagnaData, is an important academic challenge whose results are important for our organization.

As the Director of Technology of the Netherlands e-Science Center, I am interested in the results of the MagnaData project, both scientific contribution and open-source software. These results are complementary to our current work. They could improve the performance, availability, and efficiency of datacenters running scientific data services and thus be beneficial to the software we develop at the Netherlands e-Science Center. The end goal and expectation is that this will help to enable scientific breakthroughs in other disciplines as well.

I will be actively involved in the User Advisory Board of the project, and for this I will commit time to participate in the yearly meetings. We would be happy to also be involved in the project and share with you our know-how and use-cases, and in return receive continuous updates about your progress. My team will provide regular practical feedback, as in-kind contribution worth 120 hours over the course of the project (a meeting of 2 hours per month, over the next 5 years).

I am aware of the evaluation criteria of the VIDI proposals and experienced with their evaluation. After reading the MagnaData proposal, I find that:

- Your academic quality qualifies you among the top 5% researchers in the world for your age category.
- The proposal is of high quality and highly innovative, with high academic impact upon success.
- NLeSC is willing to help to further increase the lateral impact of the work, by applying the results in other scientific disciplines.
- The project can result in important transfer of knowledge with societal impact, facilitated by the high quality User Advisory Board.
- Score: A+, Highest quality, significance and recommendation for funding.

We have collaborated in highly successful research projects before, and I am very impressed with your dedication and drive to achieve the highest scientific quality and results.

I support the MagnaData proposal and look forward to our renewed collaboration. Good luck!



Dr. Rob V. van Nieuwpoort

Director of Technology
Netherlands e-Science Center