



September 28, 2015

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

Mike Wessling  
CTO/Lead Nerd  
Bitbrains IT Services  
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Dear Alexandru,

In my role of CTO of Bitbrains IT Services, I support you and the MagnaData proposal for a VIDI grant. I have read the proposal and Bitbrains will actively seek to transfer the knowledge created in this project into its own resource management and scheduling software. I agree to join the MagnaData User Advisory Board.

Bitbrains combines the latest technology and smart engineering to deliver high performance IT solutions to our clients. We develop, implement, host and manage IT environments within the strictest boundaries of security. We specialize in getting the ultimate performance out of existing IT systems by utilizing the power of Cloud Platforms and High Performance Computing. We own several datacenters in which we host the workloads of finance, insurance, and other industries. Resource management and scheduling, both of our resources and of the complex applications provided by the user, play an important role in our key products and processes. We complement our own design and technology prowess, with solutions provided by our technology partners from industry and academia.

MagnaData addresses an important scientific question in resource management and scheduling. The proposed innovation of MagnaData is ambitious and groundbreaking..

We believe that MagnaData when successful will change the resource management and scheduling approach we use now in our datacenters. We are thus very interested in the direction proposed by MagnaData in portfolio scheduling for data-intensive services, and also in its other scheduling contributions. We have already invested in the complementary research topic of portfolio scheduling for compute-intensive services, sponsoring the Ph.D. of Vincent van Beek at an equivalent value exceeding 200,000 EUR. MagnaData provides the complementary focus on data, and could improve the efficiency of our datacenters.

As CTO, I agree to join the MagnaData User Advisory Board. This will effectively continue our successful collaboration over the past couple of years. I will be actively involved in the yearly

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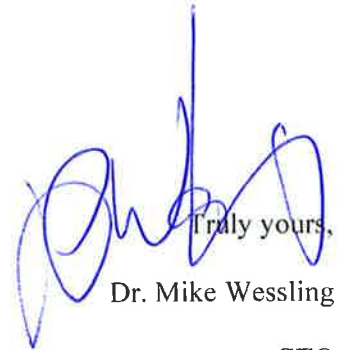
meetings of the User Advisory Board, and contribute with advice and feedback throughout the project. We are interested also in interacting with the other members of the User Advisory Board. In return, I will receive early access to the technology developed in the project and the possibility to test it against the specific use cases we will provide

I will also get early access to open-source software and open-access data released in the project and will further contribute to these. We have already done this in the past, when we have contributed with anonymized operational logs to the Grid Workloads Archive established and managed by Dr. Iosup.

I understand the evaluation criteria of the VIDI proposals. I find the proposal to be of highly innovative and of high quality. We are interested in the transfer of the knowledge created in the MagnaData project. We will facilitate transfer towards our users, building up the societal impact of your work.

To conclude, I fully support you and your VIDI proposal MagnaData proposal.

I am looking forward to continuing our collaboration.

  
Truly yours,

Dr. Mike Wessling

CTO  
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