



Support letter for the MagnaData project

1 message

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To: Alexandru Iosup <alexandru.iosup@gmail.com>, Alex Iosup - EWI <A.iosup@tudelft.nl>

Cc: vi@nwo.nl



To:

Dr. ir. Alexandru IOSUP
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From:

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CC:

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Dear Alexandru,

I strongly support your MagnaData project proposal. Google mission is to make information universally accessible and useful. Providing the best user experience is of key importance to us, which is why we have invested and innovated for years in datacenter technology—the backbone of products such as search, video streaming, and others. One of the major scientific and technical challenges in this field remains the resource management and scheduling system and its techniques. This project addresses this important scientific challenge and we believe that your project will advance the state-of-art and provide impactful innovation on the field.

I am aware of the competitive nature of VIDI projects, which I understand is similar to the NSF CAREER awards (2-7 years after graduation, top 10% of the candidates). The quality of the proposal is excellent and, I find appropriate for a granted VIDI project. Your academic record and your CV are also of the highest quality, which is why I have invited you in the past to join as Program Committee member the prestigious workshop Job Scheduling Strategies for Parallel Processing (one of the highest-cited venues in parallel and distributed systems, according to Google Scholar).

I have also experienced your high research quality first-hand, first as co-author of the international collaborative work “Cloud Usage Patterns: A Formalism for Description of Cloud Usage Scenarios” you have managed in the SPEC Cloud Working Group, later in the international collaborative work “An Availability-on-Demand Mechanism for Datacenters” published in the competitive CCGRID conference. In both, your knowledge about complex cloud

services, and about resource management and scheduling in the datacenter, were crucial to the successful completion of the work.

As a consequence of the quality of your work, and of the quality of the MagnaData proposal, we would like to participate in the user committee for this project. I will take part in the yearly meetings of the MagnaData User Advisory Board, and support you with expertise and know-how related to our unique datacenters.

I also have interest in hosting a Ph.D.-level intern to evaluate how MagnaData techniques may apply to our unique, provided the intern can pass the normal Google-wide admission tests for an internship.

I am looking forward to continue our fruitful collaboration in the context of MagnaData, and wish you a successful VIDI application!

Best wishes,
Dr. Walfredo Cirne