



Monday, September 21, 2015

T. J. Watson Research Center
PO Box 218
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Yorktown Heights, NY 10598

Re: MagnaData: All Data for All People project by Dr. Alexandru Iosup

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

To whom this may concern:

It is with great pleasure that I write his letter in support of Dr. **Alexandru Iosup**'s VIDI project MagnaData: All Data for All People.

I am a research scientist at the IBM T. J. Watson Research Center with more than eight years of experience. I published more than 30 papers in international conferences and journals and received two best paper awards and an outstanding paper award from IPDPS, SBAC-PAD, and HPCC, respectively. I have ten patents granted, more than 20 patents filed with USPTO and received four Plateau awards in recognition of his innovations to IBM. I am a professional member of the ACM and IEEE Computer societies and officer of SPEC Research Group from 2012-2015. With this background, I am writing this letter of recommendation in support of Dr. Iosup's proposal.

I have known Dr. Iosup for about seven years and I have followed his work since 2008. We invited Dr. Iosup twice to the T. J. Watson Research Center in 2008 and 2013 where we had very fruitful discussions about our mutual work. I have also worked with Dr. Iosup part of the SPEC Research Group's subcommittee on Cloud Computing. I have carefully reviewed Dr. Iosup's MagnaData proposal and I am thrilled to support his proposal in any capacity necessary.

The main innovation proposed by MagnaData, of resource management and scheduling based on new principles of social interaction of users, of dynamic per-task requirements, and of portfolio scheduling, is groundbreaking. We are specifically interested in the scheduling techniques proposed in the project, which could add value to our systems and platforms and benefit our customers. Therefore, I am interested in being a member of the user board of the MagnaData project.

Please reach out to me if you have any questions.

Sincerely,

Seetharami R. Seelam, Ph.D.

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