Due date: Thursday, March 6th, 2014

Dear Bronis,

I wanted to talk to you in person about this, but will go ahead and write my thoughts here in email.

After talking to Prof Gropp, what I’m thinking is that I leave the lab and finish the remainder of the work proposed in the prelim at school. A less drastic measure might be to just leave for a month and half. But what’s clear is that I want to work solely under his direction for the next couple of months.

The main reason I say this is for personal reasons. It has nothing to do with the lab, it’s mainly being out here rather than Illinois, and with various things going on in my life, and I want to go back.

Plan for semester:

The work on optimizing static section is something that is a good idea, but Prof Gropp says I should do it, I shouldn’t focus on this for a paper. I think Prof. Gropp doesn’t want to go in this direction. We need to discuss this more, but what we’re adding a parameterized and tunable strength factor to randomized work-stealing. This satisfies more closely what the committee had discussed during the prelim, and also fits more in line with thesis goals. Perhaps we can talk about this more. The plan while I’m gone is this. I will report to you what we discussed every week. I want to write a paper in EuroMPI. Then, I would test this idea within OpenMP applications.

By doing this, and working directly under Bill, I think I can finish my thesis sooner rather than later, and work hard to graduate sooner rather than later, which is something I want to do. The best way to accomplish my longer-term goals is to work with Prof Gropp, if not for good, for the remainder of the semester.

Here’s the concrete plan that I’m thinking. I want to go back and work next week, and I don’t think I should get paid for when I’m gone (whether that be just for a month and half, or for the remainder of my thesis). What I would like is your support in this. Please let me know if you have any major objections.

-Vivek

I just feel that going back to work with him will help me.

Right now, it’s an issue of the rate of progress I’ve been making. I’ve had spurts of a lot of progress here, but then things slow down. Various things, have to do with personal. I’ve had ups and downs here, due to various reasons personal reasons and a combination of other factors.

I want to try to go back .

He will chose the conference, and I will work with the committee, and I will work. I will consult with you, just as I did when I was on indeterminate status, as a mentor.

I want to work closely with my committee, and Prof Gropp I can also work on AMG problem with Hormozd. After talking to the committee, it’s become clear that I need to go back and just focus there for a few months.

I’ve talked to my committee, and they say that I don’t need to finish any more big conference papers to graduate, just to get adequate work done. It would be fine to publish later. I want to just work with Bill, and then work closely with Hormozd on AMG.

Still keep Rigor that Torsten and Todd taught me.

Work with Bill. He wants me to do things, but can’t really say as much if I’m not with him.

I want to see if this is better. If it’s not, then I’ll come back to you and keep working.

The ideal thing is that I go back for some time and still be a Lawrence Scholar, just not get paid.

-Vivek

P.S. I was trying to see whether I should bring this up when we talked on Friday a couple weeks ago to figure out my plans, and then to bring this up after. I thought about it the previous night though, and decided against it, because I was thinking I could just stay and really, really didn’t want to leave (I’ve gotten more done, esp. with software and testing, here), and the personal reasons weren’t as big. But in terms of finishing the thesis, it’s clear that I at least need to go back and work with Bill on results for at least a month. This seems like the logical thing to do.

This also gets at the central problem of focusing on is transient load imbalances within a node, and bolsters the work.

I want to establish it with applications, and see if there are any new ways.

The work done shows that we don’t get much gains from new approaches. My plan is to finish writing without a paper. I plan to work on a load imbalanced code with another student. I am worried that if I stay I won’t finish.

I can back my statement. Bronis is focusing on the solution space and not the problem space. Problem space is where there is a load imbalanced code locally, and