



Ayan Acharya &lt;masterayan@gmail.com&gt;

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**FW: Hi from Avishek !!**

21 messages

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**Ayan Acharya** <aacharya@yahoo-inc.com>  
To: "aacharya@utexas.edu" <aacharya@utexas.edu>

Tue, Aug 13, 2013 at 8:26 PM

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**From:** Avishek Saha <avishek2@yahoo-inc.com>  
**Date:** Tuesday, August 13, 2013 5:35 PM  
**To:** Ayan Acharya <aacharya@yahoo-inc.com>  
**Subject:** Re: Hi from Avishek !!

Also, I have a few questions for you:

- Your ECML paper says (page2, end of para3) that multiple tasks that are forced to share the same set of latent topics could results in a LDA-based approach to MTL. Is this super-easy or super-trivial? Has this been done before?
- When we force multiple tasks to share the latent topics we are imposing an underlying assumption on their relatedness?
- One of my research goals is to learn relationships between tasks (instead of forcing them a priori). In the LDA setting, if we plan to learn the relationship between tasks, then we can think of datasets as documents, words as data points and the shared latent topics as weight vectors -- now from the data, maybe we can learn the relationship using LDA (and online-LDA) machinery. The advantage here is that we don't have to impose any prior assumed relationship between tasks but can instead learn it from the data itself. Does this make sense?

On 08/13/2013 05:15 PM, Avishek Saha wrote:

Tor intern poster ta ektu pathate parbi?

On 07/16/2013 05:10 PM, Ayan Acharya wrote:

my ECML paper!

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**From:** Avishek Saha <avishek2@yahoo-inc.com>  
**Date:** Tuesday, July 16, 2013 12:59 AM  
**To:** "yahoo-labs-all@yahoo-inc.com" <yahoo-labs-all@yahoo-inc.com>  
**Subject:** Hi from Avishek !!

Hi All,

I am Avishek Saha, a new hire in the Targeted Advertising team lead by Prabhakar Krishnamurthy (PK). I will work on machine learning problems and their applications in computational advertising and related areas.

Prior to joining Yahoo! Labs, I finished my PhD at University of Utah ([www.cs.utah.edu/~avishek](http://www.cs.utah.edu/~avishek)) and spent about a year at Center for Extreme Data Management, Analysis and Visualization (<http://cedmav.sci.utah.edu/>) as a post-doctoral fellow. My dissertation research revolved around communication efficient distributed models for data analysis and also on multitask learning. In addition, I have

worked on domain adaptation in semi-supervised settings, online learning and active learning. My other current and past research projects include scalable algorithms for multiple kernel learning and data cleaning for relational databases. I am particularly fond of randomized algorithms and their applications in large scale data analysis. Of late, primarily due to my post-doc experience, I have grown curious about visualization techniques and their applications in big data exploration and analysis.

I am always eager to learn more on different topics in machine learning and forge new research collaborations. In that respect, Yahoo! Labs is a fantastic place and I feel very excited to be a part of it.

My non-academic interests include (but are not limited to) soccer, hiking, skiing and movies.

I am in cubicle E4158. Please feel free to drop by or ping me over email.

I would love to meet and chat with my new colleagues here at Yahoo!

Best wishes,  
Avishek

PS: I am very interested in joining (if one already exists) or starting a machine learning reading group to keep track of and discuss recent cool results in machine learning conferences. This would also provide us with a great opportunity to meet fellow ML researchers here at the labs. Please let me know if you would be interested.

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**Ayan Acharya** <aacharya@yahoo-inc.com>  
To: Ayan Acharya <masterayan@gmail.com>

Tue, Aug 13, 2013 at 8:27 PM

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**Ayan Acharya** <masterayan@gmail.com>  
To: Ayan Acharya <aacharya@yahoo-inc.com>, avishek2@yahoo-inc.com

Thu, Aug 15, 2013 at 1:12 AM

eta amar ID!

Thanks,  
Ayan

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**Avishek Saha** <avishek2@yahoo-inc.com>  
To: Ayan Acharya <masterayan@gmail.com>

Thu, Aug 15, 2013 at 1:16 AM

Share kore diyechi gdoc.

Avishek

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**Ayan Acharya** <masterayan@gmail.com>  
To: Avishek Saha <avishek2@yahoo-inc.com>

Thu, Aug 15, 2013 at 1:17 AM

yepp..accepted..thanks :)  
Thanks,

Ayan

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**Ayan Acharya** <masterayan@gmail.com>  
To: Avishek Saha <avishek2@yahoo-inc.com>

Thu, Aug 15, 2013 at 1:42 PM

tomader online MTL paper tar je theoretical analysis korechhe setar  
link dite parbe plz?

Thanks,

Ayan

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**Avishek Saha** <avishek2@yahoo-inc.com>  
To: Ayan Acharya <masterayan@gmail.com>

Thu, Aug 15, 2013 at 1:48 PM

Some confusion -- I didn't say (or mean to say) that the theoretical analysis of our paper is solved.. it hasn't been yet. On the contrary, Cesa-Bianchi et al. paper published another theoretical paper that followed up on our paper -- here's the link: <http://arxiv.org/abs/1210.0473>

Sorry for the confusion :)

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**Ayan Acharya** <masterayan@gmail.com>  
To: Avishek Saha <avishek2@yahoo-inc.com>

Thu, Aug 15, 2013 at 2:42 PM

ah..eta dekhechhi :)

thanks

Thanks,

Ayan

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**Avishek Saha** <avishek2@yahoo-inc.com>  
To: Ayan Acharya <masterayan@gmail.com>

Tue, Aug 27, 2013 at 11:37 AM

Today is your last day :)  
Let's chat before you leave -- say around 3:00pm?

Also, when and where is your internship talk?

Thanks

Avishek

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**Ayan Acharya** <masterayan@gmail.com>  
To: Avishek Saha <avishek2@yahoo-inc.com>

Tue, Aug 27, 2013 at 12:14 PM

I will meet u at ur desk

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**Ayan Acharya** <masterayan@gmail.com>  
To: Avishek Saha <avishek2@yahoo-inc.com>

Tue, Aug 27, 2013 at 3:52 PM

Tumi desk e firle ak bar amar desk e esho..i dont have access to computers :(

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**Ayan Acharya** <masterayan@gmail.com>  
To: Avishek Saha <avishek2@yahoo-inc.com>

Tue, Sep 3, 2013 at 12:10 AM

any new idea/development?

Thanks,  
Ayan

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**Avishek Saha** <avishek2@yahoo-inc.com>  
To: Ayan Acharya <masterayan@gmail.com>

Tue, Sep 3, 2013 at 12:33 PM

Na re -- I didn't get much time to look at it last week.  
Will get back to it this week.

Avishek

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**Ayan Acharya** <masterayan@gmail.com>  
To: Avishek Saha <avishek2@yahoo-inc.com>

Tue, Sep 3, 2013 at 12:55 PM

ok..I'm positively thinking of including it in my thesis.

Thanks,  
Ayan

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**Avishek Saha** <avishek2@yahoo-inc.com>  
To: Ayan Acharya <masterayan@gmail.com>

Tue, Sep 3, 2013 at 1:25 PM

Ok -- but which aspect? The scalability one?

Thanks,  
Avishek

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**Ayan Acharya** <masterayan@gmail.com>  
To: Avishek Saha <avishek2@yahoo-inc.com>

Tue, Sep 3, 2013 at 1:28 PM

depends on how the formulation spans out..  
the title of my thesis will be latent variable models for knowledge  
transfer which is kind of broad

Thanks,  
Ayan

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**Ayan Acharya** <masterayan@gmail.com>  
To: Avishek Saha <avishek2@yahoo-inc.com>

Tue, Sep 3, 2013 at 1:40 PM

are jata to..yahoo labs er fb feed e aj tomar photo :)

Thanks,  
Ayan

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**Avishek Saha** <avishek2@yahoo-inc.com>  
To: Ayan Acharya <masterayan@gmail.com>

Tue, Sep 3, 2013 at 1:43 PM

Ha ha -- kemon ekta sleepy esechhe -- boroi lyadh kheyechilam ;)

Avishek

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**Ayan Acharya** <masterayan@gmail.com>  
To: Avishek Saha <avishek2@yahoo-inc.com>

Wed, Sep 4, 2013 at 1:45 PM

this is the closest paper to our ideas..dekho to

Thanks,  
Ayan

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**Xie\_Xing\_UAI13.pdf**  
316K

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**Avishek Saha** <avishek2@yahoo-inc.com>  
Reply-To: Avishek Saha <avishek2@yahoo-inc.com>  
To: "masterayan@gmail.com" <masterayan@gmail.com>

Thu, Sep 5, 2013 at 6:23 AM

Reply korbo...aajke kimba kalke latest :)

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**Avishek Saha** <avishek2@yahoo-inc.com>  
To: Ayan Acharya <masterayan@gmail.com>

Thu, Sep 5, 2013 at 5:58 PM

I have updated the gdocs with previous discussions -- ekbar dekhish toh.

Also reading the paper -- it seems very similar to what we were thinking.  
Will try to find out dis-similarities and update the gdoc.

Thanks,  
Avishek

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