

Wong Lim Soon

From: Limsoon Wong [wongls@comp.nus.edu.sg]
Sent: Sunday, August 26, 2007 11:59 AM
To: 'David Hsu'; 'Wynne Hsu'; leeml@comp.nus.edu.sg; leonghw@comp.nus.edu.sg; ooibc@comp.nus.edu.sg; ksung@comp.nus.edu.sg; 'Tan Kian Lee (SoC)'; thiagu@comp.nus.edu.sg; atung@comp.nus.edu.sg; tucker@comp.nus.edu.sg; liugm@comp.nus.edu.sg; ningkang@comp.nus.edu.sg; chongket@comp.nus.edu.sg; tanhuiyi@comp.nus.edu.sg; Ye Nan; melvin@comp.nus.edu.sg; yenan@comp.nus.edu.sg; nghoongk@comp.nus.edu.sg; th_chiang@yahoo.com; geoffkoh@yahoo.com.sg; Ooi Nick Sern, Brandon; liubing@comp.nus.edu.sg; anshulni@comp.nus.edu.sg; 'Chen Ju'; 'Lee Terk Shuen'; 'Koh Chuan Hock'; dongdife@comp.nus.edu.sg; stanley@bii.a-star.edu.sg; Low Hong Sang; lixiaohu@comp.nus.edu.sg; Ngo Thanh Son; dohuyhoa@comp.nus.edu.sg; vipinnar@comp.nus.edu.sg; g0305719@nus.edu.sg; edwardwi@comp.nus.edu.sg; wongss@comp.nus.edu.sg; hugowill@comp.nus.edu.sg; songfush@comp.nus.edu.sg; 'Chua Hon Nian'
Cc: wongls@comp.nus.edu.sg
Subject: CBL updates for August 2007

Hi All,

Here are the activity updates for CBL in August.

1/

The happiest news for our lab this month is the promotion of Dr. Ken Sung to associate professor. Big congratulations to Ken!

2/

Several of our students have also completed/submitted their PhD theses this month:

(a) Hon Nian Chua, "Graph-based methods for protein function prediction", supervised by Limsoon and Ken. Kenny has joined I2R to work with Dr. Ng See Kiong. His new email is hnchua@i2r.a-star.edu.sg.

(b) Judice Koh, "Correlation-based methods for biological data cleaning", supervised by Dr Lee Mong Li. Judice is now at University of Toronto with Dr. Charles Boone. Her new email is judice.koh@utoronto.ca.

3/

Our lab has also been very successful in our research grant applications. I think we have been awarded the following projects this month:

(a) Motif Discovery for DNA and Protein

PI: Ken Sung

Funding: \$259,800, AcRF Tier 1.

(b) Pattern Spaces: Theory, Techniques, and Applications

PI: Wong Limsoon

Funding: \$485,840, A*STAR SERC PSF.

In addition, Prof. Thiagu's AcRF Tier 1 proposal has been recommended for upgrade to Tier 2. So we may have more good news on this in a couple of months! Btw, Dr. David Hsu has also received significant AcRF Tier 2 funding for a non-compbio project on human-centered adaptive computing.

3/

Singapore has a big showing at CSB2007 at UCSD. Here are the 4 papers from our lab at CSB2007:

(a) Hon Nian Chua, Kang Ning, Wing-Kin Sung, Hon Wai Leong, Limsoon Wong.
Using Indirect Protein-Protein Interactions for Protein Complex Prediction.

Proc. CSB2007, pages 97--110.

(b) Henry C.M. Leung, M.H. Siu, S.M. Yiu, Francis Y.L. Chin, Ken W.K. Sung.
Finding Linear Motif Pair from Protein Interaction Networks: A Probabilistic Approach.
Proc. CSB2007, pages 111--120.

(c) Zeyar Aung, Soon-Heng Tan, See-Kiong Ng, Kian-Lee Tan.
Uncovering the Structural Basis of Protein Interactions with Efficient Clustering of 3-D Interaction Interfaces. Proc. CSB2007, pages 287--298.

(d) Kang Ning, Hon Wai Leong.
Algorithm for Peptide Sequencing by Tandem Mass Spectrometry Based on Better Preprocess and Anti-symmetric Computational Model. Proc. CSB2007, pages 19--30.

In addition, the following papers were also published:

(e) Cam Thach Nguyen, Nguyen Bao Nguyen, Wing-Kin Sung, Louxin Zhang.
Reconstructing Recombination Network from Sequence Data: The Small Parsimony Problem.
IEEE/ACM Transactions on Computational Biology and Bioinformatics, 4(3):394-402, July-Sept 2007.

(f) Huiqing Liu, Limsoon Wong, Ying Xu. Patient Survival Prediction from Gene Expression Data. Knowledge Discovery in Bioinformatics: Techniques, Methods, and Applications, edited by Xiaohua Hu and Yi Pan, chapter 6, pages 89--111, Wiley, July 2007.

(g) Li Lin, Limsoon Wong, Tzeyun Leong, Pohsan Lai. ECTracker---An Efficient Algorithm for Haplotype Analysis and Classification. Proceedings of 12th Triennial Medinfo 2007 Congress, pages ???--???, Brisbane, Australia, 21-24 August 2007.

(h) Jinyan Li, Guimei Liu, Limsoon Wong. Mining Statistically Important Equivalence Classes. Proceedings of 13th International Conference on Knowledge Discovery and Data Mining (KDD), pages 430--439, San Jose, California, 12-15 August 2007.

4/

This month, the following seminars were organized:

(a) Codes in Our Genome.
Liang Goh, NUS-Duke Graduate Medical School.
23 August 2007 @ 2pm in MR2, COM1 Level 3.

(b) Correlation-Based Methods for Biological Data Cleaning.
Judice Koh, School of Computing NUS & I2R.
6 August 2007 @ 10am in SR3A, COM1 Level 2.

We are currently looking for speakers for the next couple of months. If you have suggestions, please let me know!

5/

CBL welcomes the following new members who have joined us:

(a) Liu Guimei, postdoc fellow, with Limsoon.

(b) Chen Ju, FYP student, with Limsoon.

(c) Do Huy Hoang, FYP student, with Ken.

(d) Koh Chuan Hock, FYP student, with Limsoon.

(e) Lee Terk Shuen, PhD student, with Limsoon.

(f) Li Xiao Hui, FYP student, with Kian Lee.

(g) Ngo Thanh Son, FYP student, with Ken.

(h) Song Fushan, FYP student, with Ken.

I will now put a hold on desk allocation in CBL to FYP students. The remaining desks

will be reserved for incoming PhD students during this AY.

6/

For students in the lab, Dean would like to discourage cooking, drinking, and eating in the lab. Please use the student lounge next to the lab for these purposes!

7/

Also, we will begin to have many VIP's coming to see the new facilities of our school. To give a good impression, it is very important that the lab be kept clean and tidy. So please remove all the paper boxes, traveling bags, plastic bags, etc. from sight! Otherwise, I feel very shy-shy to bring them around to our lab! Please co-operate, OK?

I think that's about it. If I have left out anything, please let me know!

Limsoon