Wong Lim Soon

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Cc: wongls@comp.nus.edu.sg
Subject: CBL Update - Oct/Nov 2010
Attachments: wong-mo-shaun.jpg

Dear CBL members,

Here are the updates for these two months.

1/ My BB arrived on 2nd Nov and has been keeping me busy. He is one month old today!

2/ Many papers were published by us over the last two months. Here are those that I know of …

1. Haitao Li, Paul Mitchell, Gerald Liew, Elena Rochtchina, Annette Kifley, Tien Yin Wong, Wynne Hsu, Mong Li Lee, Yong Ping Zhang, Jie Jin Wang. **Lens Opacity and Refractive Influences on the Measurement of Retinal Vascular Fractal Dimension**. *Acta Ophthalmologica*, 88(6):e234--e240, September 2010.

2. Carol Cheung, Wynne Hsu, Mong Li Lee, Jie Jin Wang, Paul Mitchell, Qiangfeng Peter Lau, Haslina Hamzah, Maisie Ho and Tien Yin Wong. **A New Method to Measure Peripheral Retinal Vascular Caliber over an Extended Area**. *Microcirculation*, 17(7):495--503, October 2010.

3. Alan Wainwright, Gerald Liew, George Burlutsky, Elena Rochtchina, Yong Ping Zhang, Wynne Hsu, Mong Li Lee, Tien Yin Wong, Paul Mitchell, Jie Jin Wang. **Effect of Image Quality, Color and Format on the Measurement of Retinal Vascular Fractal Dimension**. *Investigative Ophthalmology and Visual Science*, 51(11):5525--5529, November 2010.

4. Kang Ning, Hoong Kee Ng, Sriganesh Srihari, Hon Wai Leong, Alexey Nesvizhskii. **Examination of the Relationship between Essential Genes in PPI Network and Hub Proteins in Reverse Nearest Neighbor Topology**. *BMC Bioinformatics*, 11:505, October 2010.

5. Sriganesh Srihari, Kang Ning and Hon Wai Leong. **MCL-CAw: A refinement of MCL for detecting yeast complexes from weighted PPI networks by incorporating core-attachment structure**. *BMC Bioinformatics*, 11:504, October 2010.

6. Ho-Leung Chan, Tak Wah Lam, Wing-Kin Sung, Siu-Lung Tam, Swee-Seong Wong. **Compressed Indexes for Approximate String Matching**. *Algorithmica*, 58(2):263--281, October 2010.

7. T. K. Wong, T. W. Lam, W. K. Sung, S. M. Yiu. **Adjacent nucleotide dependence in ncRNA and order-1 SCFG for ncRNA identification**. *PLoS One*, 5(9):e12848, September 2010.

By my count, CBL members would have published 38 journal papers and 11 conference by the end of this year! I hope this high level of productivity will translate to more concrete impact in time to come.

3/ We hosted the following talks and visitors recently:

1. CS Seminar: Discovery from the Annotated Biological Web.
   Louiqa Raschid, University of Maryland.
   25 November 2010 @ 10.30am in MR1 (COM1-03-43) .

2. CS Seminar: Random Geometric Codes in Cryptology.
   Gyula Katona, Renyi Institute, Hungarian Academy of Sciences.
   12 October 2010 @ 2pm in SR10 (COM1-02-10) .

3. CS Seminar: Next Generation DNA Sequencing and Bioinformatics---Bottlenecks and Opportunities.
   Stephen Tsui, Chinese University of Hong Kong.
   7 October 2010 @ 12nn in TR15 (COM1-202) .

4. CS Seminar: CAMBer: An Approach to Support Comparative Analysis of Multiple Bacterial Strains.
   Jerzy Tiuryn, University of Warsaw.
   6 October 2010 @ 12nn in SR2 (COM1-02-04).

4/ And we will host the following talks in the next couple of weeks… please attend:

1. [CS Seminar: Predicting Substrates of Proteases Using Machine Learning Techniques and Sequence-Derived Features](#) .
   Jiangning Song, Monash University .
   8 December 2010 @ 2pm in MR1 (COM1-03-43).

2. [CS Seminar: Mining Shared Decision Trees for Human Understanding and Knowledge Transfer](#).
   Guozhu Dong, Wright State University .
   13 December 2010 @ 2pm in Video Conference Room (COM1-02-VC) .

5/ A friend asked me to circulate the following job ad:

http://www.comp.nus.edu.sg/~wongls/bp/openings/PostdocAd_Northwestern_Jiang.pdf

6/ Lastly, some of you are interested in tips for writing and making presentations. Here are some pointers that you may like to look up:

"When the scientist presents" by Jean-Luc Lebrun, available in CBL1 bookshelf.

"Writing for computer science" by Justin Zobel, available in CBL1 bookshelf.

"Science research writing for non-native speakers of English", available online via LINC+.

Regards,
Limsoon

PS. Congrats also to Max Tan Huiyi for completing his MSc thesis on "A parent mass filter algorithm for peptide sequencing from tandem mass spectra". Max was supervised by A/P Leong Hon Wai.