Wong Lim Soon

From: Wong Lim Soon
Sent: Sunday, 3 October, 2010 3:40 PM
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Cc: wongls@comp.nus.edu.sg; Wong Lim Soon
Subject: CBL Update - August/Sept 2010

Dear All,

0/
Please join me to welcome Jinyan Li and Michal Wozniak. Jinyan is joining us for a few months from NTU. Michal is joining us for a year from Warsaw University.

1/
We have been quite productive these couple of months. Here are the six papers published:

1. Donny Soh, Difeng Dong, Yike Guo, Limsoon Wong. "Consistency, Comprehensiveness, and Compatibility of Pathway Databases". BMC Bioinformatics, 11:449, September 2010.

2. Mahnaz Habibi, Changiz Eslahchi, Limsoon Wong. "Protein Complex Prediction based on k-Connected Subgraphs in Protein Interaction Network". BMC Systems Biology, 4:129, September 2010.

3. T.-H. Chiang, D. Hsu, and J.C. Latombe. "Markov dynamic models for long-timescale protein motion". Bioinformatics, 26(12):i269–i277, 2010. Special issue on Int. Conf. on Intelligent Systems for Molecular Biology (ISMB) 2010.

4. Victoria Cosatto, Gerald Liew, Elena Rochtchina, Alain Wainwright, Yong Ping Zhang, Wynne Hsu, Mong Li Lee, Peter Lau, Haslina Hamzah, Paul Mitchell, Tien Yin Wong, Jie Jin Wang. "Retinal Vascular Fractal Dimension Measurement and its Influence from Imaging Variation: Results of Two Segmentation Methods". Current Eye Research, 35(9):850--856, September 2010.

5. Jesper Jansson, Wing-Kin Sung. "Constructing the R* Consensus Tree of Two Trees in Subcubic Time". Proceedings of 18th Annual European Symposium on Algorithms (ESA 2010), part I, pages 573-584. Liverpool, UK. September 2010.

6. BM Sim, N Chantratita, WF Ooi, T Nandi, R Tewhey, V Wuthiekanun, J Thaipadungpanit, S Tumapa, P Ariyaratne, WK Sung, XH Sem, HH Chua, K Ramnarayanan, CH Lin, Y Liu, EJ Feil, MB Glass, G Tan, SJ Peacock, P Tan. "Genomic acquisition of a capsular polysaccharide virulence cluster by non-pathogenic Burkholderia isolates". Genome Biology, 11(8):R89, August 2010.

And there is also a bumper crop of papers accepted at various journals and conferences---will announce after they are in print!

2/
We gave the following invited talks:

1. Limsoon Wong. Theory, Practice, and an Application of Frequent Pattern Space Maintenance. Invited talk at 6th International Conference on Information Technology for Education and Research (IT@EDU2010 2010), Ho Chi Minh City, Vietnam, 18 August 2010.

2. Limsoon Wong. The impact of microRNAs on the organization of protein interactions and formation of protein complexes. Invited talk at CSHA Conference on Computational Biology, Suzhou, China, 29 September 2010.

3/
We hosted the visit and talk of Prof Changiz Eslahchi from Iran:

CS Seminar: TripNet, a Method for Constructing Phylogenetic Networks from Triplets
Changiz Eslahchi, Shahid Beheshti University
25 August 2010 @ 10am in MR1 (COM1-03-43)

And in the coming two weeks, we will host the talks and visitors below. Please attend:

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).
https://mysoc.nus.edu.sg/~cmsem/seminar_files/13476.txt

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).
https://mysoc.nus.edu.sg/~cmsem/seminar_files/13455.txt

CS Seminar: Random Geometric Codes in Cryptology.
Gyula Katona, Renyi Institute, Hungarian Academy of Sciences.
12 October 2010 @ 2pm in SR10 (COM1-02-10).
https://mysoc.nus.edu.sg/~cmsem/seminar_files/13477.txt

4/
Also, two students of A/P Ken Sung will defend their theses this week. Good luck to:

Charlie Lee Wah Heng.
"Bioinformatics Applications for Virology Research".
Date: 6/10/10 @ 3pm.
Venue: SR7 (COM1 02-07).

Pramila Ariyaratne.
"De Novo Genome Assembly Using Paper-end Short Reads".
Date: 6/10/10 @ 10am.
Venue: MR1 (COM1).

Regards,

Limsoon