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Cc: wongls@comp.nus.edu.sg
Subject: CBL updates - March/April/May 2008

Hi CBL Members,

1/
The last couple of months were really hectic with our hosting of RECOMB 2008 at the UCC. A big thank you to all of you who helped out and attended the conference!

Btw, we still have a number of spare RECOMB2008 proceedings. If you and or your friends would like some copies, please let me know.

2/
Congratulations to A/P Hon Wai, who has received a teaching award from the NUS University Scholar Programme. We got to learn from the master how to teach so well!

3/
Congratulations to Edward Wijaya for completing his PhD thesis on "Integrative methods for discovering generic cis-regulatory motifs", under A/P Ken Sung's supervision.

Edward will join the CBRC in JAIST as a postdoc with Dr. Paul Horton. We wish him and his family a great start in Japan.

Btw, CBL faculty members, if you have students (UG & PG) in our lab who have graduated this semester, please keep me informed. We need to recover the space allocated to them. Based on input so far, we expect 3-5 incoming new students in the next few months. If you have new students, please inform me also, so that they are added to our list. Thanks.

4/
Our lab published the following papers since the previous update:

Martin Vingron, Limsoon Wong. Proc. 12th Annual International Conference on Research in Computational Molecular Biology (RECOMB2008). Springer, April 2008. (480pp)

Judice Koh, Mong Li Lee, Wynne Hsu, Wee Tiong Ang. Correlation-based Attribute Outlier Detection in XML. Proceedings of 24th International Conference on Data Engineering (ICDE), pages 1522-1524, Cancun, Mexico, April 2008.

Qiangfeng Peter Lau, Wynne Hsu, Judice Koh, Mong Li Lee. DeepDetect: An Extensible System for Detecting Attribute Outliers & Duplicates in XML.
Proceedings of DASFAA2008 Workshop on Data Quality in Collaborative Information Systems, pages ??--??, New Delhi, India, March 2008.

Jinyan Li, Kelvin Sim, Guimei Liu, Limsoon Wong. Maximal Quasi-Bicliques with Balanced

Noise Tolerance: Concepts and Co-Clustering Applications.
Proceedings of SIAM Conference on Data Mining, pages 72-83, Atlanta, Georgia, 24-26 April 2008.

5/
Besides RECOMB 2008, our lab also hosted the following seminars:

CS Seminar: Ultraconservation and ultradivergence - insights into human development and evolution through statistical analysis of DNA sequences Shyam Prabhakar, Genome Institute of Singapore, A*STAR
14 May 2008 @ 2pm in SR10 (COM1-02-10)

CS Seminar: Function prediction from biomolecular sequences - basic principles and application examples Birgit Eisenhaber, Experimental Therapeutics Centre, A*STAR
17 April 2008 @ 2pm in SR10 (COM1-02-10).

CS Seminar: Fragment-HMM, a New Approach to Protein Structure Prediction Shuai Cheng Li, University of Waterloo
24 March 2008 @ 4pm in SR3B (COM1-2-13).

CS Seminar: Multi-Dimensional Views in the 'Omics' Era: Data Analyses Solutions in Structural Computational Biology and Microarrays Applications Yaron Turpaz, Lilly Singapore Centre for Drug Discovery 20 March 2008 @ 2pm in SR10 (COM1-02-10).

6/
Also, Hon Wai was invited to give a number of talks in Shanghai:

Hon Wai Leong. Gene Team Tree: Visualizing all Gene Teams. Invited talk at CAS-MPG Partner Institute for Computational Biology, Shanghai, China, 17 May 2008.

Hon Wai Leong. Gene Team Tree: Visualizing all Gene Teams. Invited talk at Shanghai Center for BioInformation Technology, Shanghai, China, 21 May 2008.

Hon Wai Leong. The Shortest Common Supersequence Problem: Algorithms and Application in Synthesis of MicroArrays. Invited talk at Shanghai University, Mathematics Department, Shanghai, China, 22 May 2008.

7/
Finally, our small compute cluster is up and running. If you would like access, please talk to A/P Ken Sung.

Also, we now have a nice projector for our lab. If you need to borrow it for presentation, demo, etc., please get it from the lab... and please return it promptly after use!

Limsoon