

Wong Lim Soon

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Subject: RE: CBL updates for September/October 2007

Hi All,

Time really flies when one is busy! Here is a summary of things from CBL in September and October...

1/
Congratulations to Swee Seong for completing his PhD thesis below.

Swee Seong Wong, "String matching and indexing with suffix data structures", supervised by Dr. Ken Sung. Swee Seong is now a Senior Associate Scientist at Lily Singapore Center for Drug discovery.

2/
The following papers were published:

Zeyar Aung, Kian Lee Tan. Rapid Retrieval of Protein Structures from Databases. Drug Discovery Today, 12(17/18):732--739, September 2007. (This is a very nice survey paper, written for readers in the pharmaceutical industry. We should do a few more papers of this kind! Btw, the DDT is the top cited journal of the drug discovery field. If you are interested in writing, I may be able to give some pointers and quick assessment as a DDT editorial board member.)

Tsung-Han Chiang, Mehmet Serkan Apaydin, Douglas L. Brutlag, David Hsu, and Jean-Claude Latombe. Using Stochastic Roadmap Simulation to Predict Experimental Quantities in Protein Folding Kinetics: Folding Rates and Phi-Value. Journal of Computational Biology, 14(5):578--593, June 2007.

Geoffrey Koh, Lisa Tucker-Kellogg, David Hsu, and P.S. Thiagarajan. Globally consistent pathway parameter estimates through belief propagation. Proceedings of 7th Workshop on Algorithms in Bioinformatics (WABI), pages 420--430, Philadelphia, September 2007.

Tak Wah Lam, Wing-Kin Sung, Siu-Lung Tam, Chi-Kwong Wong, Siu-Ming Yiu. An Experimental Study of Compressed Indexing and Local Alignments of DNA. Proceedings of 1st International Conference on Combinatorial Optimization and Applications (COCOA), pages 242--254, August 2007.

Also, although this one is not comp bio, congrats to Wynne and Mong Li on their book with Junmei:

Wynne Hsu, Mong Li Lee, Junmei Wang. Temporal and Spatio-Temporal Data Mining, IGI Publishing, 2007.

3/

The following talks were given by our friends and visitors:

CS Seminar: Computational Intelligence Approach for Designing Lead Molecule.
Sanghamitra Bandyopadhyay, Indian Statistical Institute.
25 September 2007 @ 2.30pm in SR5, COM1 Level 2.

CS Seminar: Mining Key Players and Communities from Protein Interaction Networks.
Xiaoli Li, Institute for Infocomm Research.
27 September 2007 @ 2pm in SR5, COM1 Level 2.

The following talks were given by CBL members:

Hon Wai Leong. Modelling and characterization of multi-charge mass spectra.
Invited talk at DAAD Summer School on Methods from Mathematics and Computer Science for
Pattern Recognition in Biology , Shanghai, China, 30 September -
13 October, 2007.

Limsoon Wong Guilt by Association. Invited talk at University of Edinburgh, Edinburgh,
Scotland, 16 October 2007.

4/

Here are a few recruitment ads that Mark (IMB) and Guna (CINJ) ask me to
share:

IMB, Univ of Queensland, Australia.
http://www.comp.nus.edu.sg/~wongls/bp/openings/Ad_IMB_FINAL-9-2007.pdf

CINJ, New Jersey, USA.
<http://www.comp.nus.edu.sg/~wongls/bp/openings/cinj-oct07.pdf>

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Lastly, if you haven't register for GIW2007 that we are organizing, please do so. For CBL
faculty members: the dept/Sanjay will be footing the bill.
For CBL undergrads: please get in touch with me, I will be footing the bill.
For the rest: talk to me or your supervisor. In any case, if you have registered or are
registering, please drop me a note --- I hope we have enough numbers to qualify for a bulk
discount!

Limsoon