

Le-Shin Wu

CONTACT INFORMATION	Center for Computational Cytomics, UITS WCC, 2711 E. 10 th St. Bloomington, IN 47408, USA	+1-812-855-9916 lew@indiana.edu http://www.cs.indiana.edu/~lew
RESEARCH INTERESTS	Bioinformatics, complex systems and networks, image processing, databases, Web and data mining, machine learning, Web services, Web intelligence, distributed information retrieval,	
EDUCATION	Indiana University , Bloomington, IN, USA Ph.D. Candidate in Computer Science M.S. in Computer Science, May 2003 National Central University , Chungli, Taiwan M.S. in Civil Engineering, June, 1992 B.S. in Civil Engineering, June, 1990	
PROFESSIONAL EXPERIENCE	University Information Technology Services <i>Principle System Analyst</i> <ul style="list-style-type: none">• Plan, maintain, and document computer programs that implement algorithms used in life science, particularly in cell and molecular biology.• Modify existing computer programs to increase functionality or to adapt them to local needs.	May, 2006 – present
	Computer Science Department <i>Research Assistant</i> <ul style="list-style-type: none">• Implemented applications for unstructured distributed peer to peer search system.• Developed distributed text mining and information retrieval systems for Web documents.	August, 2004 – May, 2006
	Computer Science Department <i>Associate Instructor</i> <ul style="list-style-type: none">• Computer Structure, Web Mining	August, 2003 – May, 2004
	Center for Cell and Virus Theory <i>Research Associate</i> <ul style="list-style-type: none">• Developed computational models of the chemical and biological processes underlying cell and virus behavior.• Designed and maintained database schema and Web services.	January, 2003 – May, 2006
	Department of Rapid Transit Systems <i>Deputy-Chief of Engineering Site Office</i> <ul style="list-style-type: none">• Lead and manage a group of civil engineers working on the construction projects of Taipei Mass Rapid Transit Systems (MRT).	August, 1999 – December, 2000
	Department of Rapid Transit Systems <i>Civil Engineer</i> <ul style="list-style-type: none">• Supervised the construction projects of Taipei Mass Rapid Transit Systems (MRT).	August, 1994 – July, 1999
	Topographic Service of Combined Service Forces <i>Survey Second Lieutenant</i> <ul style="list-style-type: none">• Transferred traditional paper maps to digital ones for a geographical information system (GIS).	July, 1992 – May, 1994

PROFESSIONAL
SERVICE

Program committees

Int'l ACM Conference on Hypertext and Hypermedia, Social Linking Track (Hypertext 2008)

Paper Reviewer

Social Information Retrieval Systems: Emerging Technologies and Applications for Searching the Web Effectively (IDEA GROUP INC, 2007)

National Conference on Artificial Intelligence (AAAI 2006)

Int'l World Wide Web Conference, Text Analysis and Extraction Session (WWW 2005)

HONORS AND
AWARDS

Department of Rapid Transit Systems Taipei City Government Award for Excellence, 1999

Department of Rapid Transit Systems Taipei City Government Award for Excellence, 1996

ROC Combined Service Forces General Headquarters Award For Excellence, 1994

Taiwan Civil Engineering Consulting Firms Graduate Fellowship, 1991

PROFESSIONAL
ACCREDITATION

Quality Control Engineer License, Public Construction Commission, Executive Yuan, Taiwan, 1998

Professional Civil Engineer License, Ministry of Economic Affairs, Taiwan, 1997

COMPUTER SKILLS

- Programming: Matlab, C/C++, SQL, Scheme, Java, Perl, Php, Assembly (Motorola 68000)
- Publishing: L^AT_EX 2_ε

PUBLICATIONS

L.-S.Wu, R. Akavipat, F. Menczer, A.G. Maguitman: Adaptive peer to peer social networks for distributed content based Web search. Social Information Retrieval Systems: Emerging Technologies and Applications for Searching the Web Effectively. IDEA GROUP INC, 2007.

L.-S.Wu, R. Akavipat, F. Menczer: 6S: P2P Web index collecting and sharing application. Application Proc. RIAO 2007.

R. Akavipat, L.-S.Wu, F. Menczer, A.G. Maguitman: Emerging Semantic Communities in Peer Web Search. Proc. P2PIR workshop of CIKM 2006.

L.-S. Wu, R. Akavipat, F. Menczer: Adaptive Query Routing in Peer Web Search. Poster Proc. WWW2005.

L.-S. Wu, R. Akavipat, F. Menczer: 6S: Distributing crawling and searching across Web peers. Proc. WTAS 2005.

R. Akavipat, L.-S. Wu, F. Menczer: Small World Networks in Distributed Web Search. Proc. 13th Intl. WWW Conf. Alt. Track Papers and Posters, pp. 396-397, 2004.

P. Ortoleva, E. Berry, Y. Brun, J. Fan, M. Fontus, A. Navid, A. Sayyed-Ahmad, Z. Shreif, F. Stanley, K. Tunçay, E. Weitzke and L. Wu. 2003. Karyote: physico-chemical genome, proteome, metabolome cell modeling system, OMICS: A Journal of Integrative Biology, Vol 7, 169-183.

Chau Lee, Dyi-Hwa Tseng, and Le-Shin Wu, The Feasibility of Solidification Process for Heavy Metal-Laden Incinerated Ash by cement, The Ninth Conference on Technology of Waste Management, pp.359-368, Taiwan, 1994.

Le-Shin Wu, The Feasibility of Solidification/Stabilization Process for Heavy Metal-Laden Incinerated Ash by Cement, Masters Thesis, Department of Civil Engineering, National Central University, Taiwan, 1992.

Chau Lee, and Le-Shin Wu, The Influence of Fly-Ash's LOI (Loss of Ignition) on the properties of

Air entranced Concrete, Conference on The Use of Fly Ash Concrete in Taiwan, National Central University, Chung-Li, Taiwan, 1992.

REFEREES

Available on request.