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## **Education**

PhD, University of Minnesota, United States of America, 1994

Bachelor of Science, National University of Singapore, Singapore, 1989

## **Academic Appointments**

Professor of Computer Science, School of Computing and Information Systems, SMU, Jul 2022 - Present

Lee Kong Chian Professor of Computer Science, School of Computing and Information Systems, SMU, Apr 2021 - Jun 2022

Lee Kong Chian Professor of Information Systems, School of Computing and Information Systems, SMU, Jul 2019 - Mar 2021

Professor of Information Systems, School of Computing and Information Systems, SMU, Jun 2008 - Jun 2019

## **Academic Administrative Positions**

Director, Artificial Intelligence & Data Science Cluster, School of Computing and Information Systems, SMU, Jul 2024 - Present

Director, Living Analytics Research Centre, Living Analytics Research Centre, SMU, Jan 2011 - Jun 2022

## **Awards and Honors**

Honorable Mention Paper entitled "Learning User Interface Semantics from Heterogeneous Networks with Multimodal and Positional Attributes", 27th International Conference on Intelligent User Interfaces (IUI '22), 2022

Keynote Talk on "AI for Digital Health: Opportunities & Challenges", 8th International Conference on Ambient Intelligence and Ergonomics in Asia (Aml&E2022), 2022

Test of Time Award, ECIR2021, European Conference on Information Retrieval, 2021

Keynote Talk, The 33th International Conference on Industrial, Engineering & Other Applications of Applied Intelligent Systems (IEA/AIE 2020), 2020

Top scientists in the world, Stanford University, 2020

Best Paper at the 5th Workshop on Data Science for Social Good (SoGood 2020), in conjunction with ECML PKDD2020., SoGood2020, 2020

WSDM2020 Test of Time Award, ACM International Conference on Web Search and Data Mining, 2020  
 Distinguished Contribution Award, Pacific Asia Conference on Knowledge Discovery and Data Mining (PAKDD), 2019  
 Recognition of Service Award, Association of Computing Machinery (ACM), 2018  
 Best Paper, The 8th International Digital Health Conference, 2018

## RESEARCH

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### Research Interests

Social network mining, data mining, data integration, digital libraries

### Publications

#### Journal Articles [Refereed]

Efficient cross-modal video retrieval with meta-optimized frames, by HAN, Ning; YANG, Xun; LIM, Ee-Peng; CHEN, Hao; SUN, Qianru. (2024). *IEEE Transactions on Multimedia*, 26 1-12. <https://doi.org/10.1109/TMM.2024.3416669> (Published)

Learning dynamic multimodal network slot concepts from the web for forecasting Environmental, Social and Governance Ratings, by ANG, Gary; LIM, Ee-Peng. (2024). *ACM Transactions on the Web*, 18 (3), 1-32. <https://doi.org/10.1145/3663674> (Published)

Temporal implicit multimodal networks for investment and risk management, by ANG, Gary; LIM, Ee-Peng. (2024). *ACM Transactions on Intelligent Systems and Technology*, 15 (2), 1-25. <https://doi.org/10.1145/3643855> (Published)

Non-monotonic generation of knowledge paths for context understanding, by LO, Pei-Chi; LIM, Ee-Peng. (2024). *ACM Transactions on Management Information Systems*, 15 (1), 1-28. <https://doi.org/10.1145/3627994> (Published)

Public acceptance of using artificial intelligence-assisted weight management apps in high-income Southeast Asian adults with overweight and obesity: A cross-sectional study, by CHEW, Han Shi Jocelyn; ACHANANUPARP, Palakorn; DALAKOTI, Mayank; CHEW, Nicholas W. S.; CHIN, Yip Han; GAO, Yujia; SO, Bok Yan Jimmy; SHABBIR, Asim; LIM, Ee Peng; NGIAM, Kee Yuan. (2024). *Frontiers in Nutrition*, 11 1-9. <https://doi.org/10.3389/fnut.2024.1287156> (Published)

Your cursor reveals: On analyzing workers' browsing behavior and annotation quality In crowdsourcing tasks, by LO, Pei-Chi; LIM, Ee-Peng. (2023). *IEEE Access*, 1-16. <https://doi.org/10.1109/ACCESS.2022.3212080> (Advance Online)

On predicting ESG ratings using dynamic company networks, by ANG, Gary; GUO, Zhiling; LIM, Ee-Peng. (2023). *ACM Transactions on Management Information Systems*, 14 (3), 1-34. <https://doi.org/10.1145/3607874> (Published)

A transformer framework for generating context-aware knowledge graph paths, by LO, Pei-Chi; LIM, Ee-Peng. (2023). *Applied Intelligence*, 53 (20), 1-28. <https://doi.org/10.1007/s10489-023-04588-3> (Published)

Non-binary evaluation of next-basket food recommendation, by LIU, Yue; ACHANANUPARP, Palakorn; LIM, Ee Peng. (2023). *User Modeling and User-Adapted Interaction*, 34 (1), 1-45. <https://doi.org/10.1007/s11257-023-09369-8> (Advance Online)

Investment and risk management with online news and heterogeneous networks, by ANG, Gary; LIM, Ee Peng. (2023). *ACM Transactions on the Web*, 17 (2), 1-24. <https://doi.org/10.1145/3532858> (Published)

- Learning and Understanding User Interface Semantics from Heterogeneous Networks with Multimodal and Positional Attributes, by ANG, Gary; LIM Ee-Peng. (2023). *ACM Transactions on Interactive Intelligent Systems*, 13 (3), 1-31. <https://doi.org/10.1145/3578522> (Published)
- Contextual path retrieval: A contextual entity relation embedding-based approach, by LO, Pei-Chi; LIM, Ee-Peng. (2023). *ACM Transactions on Information Systems*, 41 (1), 1-38. <https://doi.org/10.1145/3502720> (Published)
- Causal Interventional Training for Image Recognition, by QIN, Wei; ZHANG, Hanwang; HONG, Richang; LIM, Ee-Peng; SUN, Qianru. (2023). *IEEE Transactions on Multimedia*, 25 1033-1044. <https://doi.org/10.1109/TMM.2021.3136717> (Published)
- On measuring network robustness for weighted networks, by ZHENG, Jianbing; GAO, Ming; LIM, Ee-Peng; LO, David; JIN, Cheqing; ZHOU, Aoying. (2022). *Knowledge and Information Systems*, 64 (7), 1967-1996. <https://doi.org/10.1007/s10115-022-01670-z> (Accepted)
- Learning Semantically Rich Network-based Multi-modal Mobile User Interface Embeddings, by ANG, Gary; LIM, Ee-Peng. (2022). *ACM Transactions on Interactive Intelligent Systems*, 12 (4), 1-29. <https://doi.org/10.1145/3533856> (Published)
- Face to purchase: Predicting consumer choices with structured facial and behavioral traits embedding, by LIU, Zhe; WANG, Xianzhi; YAO, Lina; AN, Jake; BAI, Lei; LIM, Ee-Peng. (2022). *Knowledge-Based Systems*, 235 1-10. <https://doi.org/10.1016/j.knosys.2021.107665> (Published)
- Cross-Modal Food Retrieval: Learning a Joint Embedding of Food Images and Recipes With Semantic Consistency and Attention Mechanism, by WANG, Hao; SAHOO, Doyen; LIU, Chenghao; SHU, Ke; ACHANANUPARP, Palakorn; LIM, Ee-Peng; HOI, Steven C. H.. (2022). *IEEE Transactions on Multimedia*, 24 2515-2525. <https://doi.org/10.1109/TMM.2021.3083109> (Published)
- On Aggregating Salaries of Occupations From Job Post and Review Data, by HUNG, Chih-Chieh; LIM, Ee-Peng. (2021). *IEEE Access*, 9 43422-43433. (Published)
- Discovering Hidden Topical Hubs and Authorities Across Multiple Online Social Networks, by LEE, Roy Ka-Wei; HOANG, Tuan-Anh; LIM, Ee-Peng. (2021). *IEEE Transactions on Knowledge and Data Engineering*, 33 (1), 70-84. (Published)
- Understanding Continuance Intention toward Crowdsourcing Games: A Longitudinal Investigation, by WANG, Xiaohui; GOH, Dion Hoe-Lian; LIM, Ee-Peng. (2020). *International Journal of Human-Computer Interaction*, 36 (12), 1168-1177. (Published)
- Fine-grained Geolocation of Tweets in Temporal Proximity, by CHONG, Wen Haw; LIM, Ee Peng. (2019). *ACM Transactions on Information Systems*, 37 (2), 17:1-33. <https://doi.org/10.1145/3291059> (Published)
- Modeling location-based social network data with area attraction and neighborhood competition, by DOAN, Thanh Nam; LIM, Ee Peng. (2019). *Data Mining and Knowledge Discovery*, 33 (1), 58-95. <https://doi.org/10.1007/s10618-018-0588-4> (Published)
- Talent Flow Analytics in Online Professional Network, by OENTARYO, Richard J.; LIM, Ee Peng; ASHOK, Xavier Jayaraj Siddarth; PRASETYO, Philips Kokoh. (2018). *Data Science and Engineering*, 3 (3), 199-220. <https://doi.org/10.1007/s41019-018-0070-8> (Published)
- Understanding the effects of taxi ride-sharing - A case study of Singapore, by WANG, Yazhe; ZHENG, Baihua; LIM, Ee Peng. (2018). *Computers, Environment and Urban Systems*, 69 124-132. <https://doi.org/10.1016/j.compenvurbsys.2018.01.006> (Published)
- Exploiting User and Venue Characteristics for Fine-Grained Tweet Geolocation, by CHONG, Wen Haw; LIM, Ee Peng. (2018). *ACM Transactions on Information Systems*, 36 (3), 26:1-34. <https://doi.org/10.1145/3156667> (Published)
- Do your friends make you buy this brand? Modeling social recommendation with topics and brands, by LUU, Minh Duc; LIM, Ee Peng. (2018). *Data Mining and Knowledge Discovery*, 32 (2), 287-319. <https://doi.org/10.1007/s10618-017-0535-9> (Published)
- The Retransmission of Rumor and Rumor Correction Messages on Twitter, by CHUA, Alton Y. K.; TEE, Cheng-Ying; PANG, Augustine; LIM, Ee Peng. (2017). *American Behavioral Scientist*, 61 (7), 707-723. <https://doi.org/10.1177/0002764217717561> (Published)

- Modeling Topics and Behavior of Microbloggers: An Integrated Approach, by HOANG, Tuan Anh; LIM, Ee Peng. (2017). *ACM Transactions on Intelligent Systems and Technology*, 8 (3), 1-37. <https://doi.org/10.1145/2990507> (Published)
- Examining the Effectiveness of Gamification in Human Computation, by WANG, Xiaohui; GOH, Dion Hoe-Lian; LIM, Ee Peng; VU, Adrian Wei Liang; CHUA, Alton Yeow Kuan. (2017). *International Journal of Human-Computer Interaction*, 33 (10), 813-821. <https://doi.org/10.1080/10447318.2017.1287458> (Published)
- Microblogging Content Propagation Modeling Using Topic-Specific Behavioral Factors, by HOANG, Tuan-Anh; LIM, Ee Peng. (2016). *IEEE Transactions on Knowledge and Data Engineering*, 28 (9), 2407-2422. <https://doi.org/10.1109/TKDE.2016.2562628> (Published)
- TopicSketch: Real-Time Bursty Topic Detection from Twitter, by XIE, Wei; ZHU, Feida; JIANG, Jing; LIM, Ee Peng; WANG, Ke. (2016). *IEEE Transactions on Knowledge and Data Engineering*, 28 (8), 2216-2229. <https://doi.org/10.1109/TKDE.2016.2556661> (Published)
- Understanding the determinants of human computation game acceptance The effects of aesthetic experience and output quality, by WANG, Xiaohui; GOH, Dion Hoe-Lian; LIM, Ee-Peng; VU, Adrian Wei Liang. (2016). *Online Information Review*, 40 (4), 481-496. <http://doi.org/10.1108/OIR-06-2015-0203> (Published)
- On detecting maximal quasi antagonistic communities in signed graphs, by GAO, Ming; LIM, Ee Peng; LO, David; PRASETYO, Philips Kokoh. (2016). *Data Mining and Knowledge Discovery*, 30 (1), 99-146. <https://doi.org/10.1007/s10618-015-0405-2> (Published)
- Detecting anomaly collections using extreme feature ranks, by DAI, Hanbo; ZHU, Feida; LIM, Ee Peng; PANG, Hwee Hwa. (2015). *Data Mining and Knowledge Discovery*, 29 (3), 689-731. <https://doi.org/10.1007/s10618-014-0360-3> (Published)
- ReputationPro: The Efficient Approaches to Contextual Transaction Trust Computation in E-Commerce Environments, by ZHANG, Haibin; WANG, Yan; ZHANG, Xiuzhen; LIM, Ee Peng. (2015). *ACM Transactions on the Web*, 9 (1), <http://doi.org/10.1145/2697390> (Published)
- Detecting Click Fraud in Online Advertising: A Data Mining Approach, by OENTARYO, Richard; LIM, Ee Peng; FINEGOLD, Michael; LO, David; ZHU, Feida; PHUA, Clifton; CHEU, Eng-Yeow; YAP, Ghim-Eng; SIM, Kelvin; NGUYEN, Minh Nhut; PERERA, Kasun; NEUPANE, Bijay; FAISAL, Mustafa; AUNG, Zeyar; WOON, Wei Lee; CHEN, Wei; DHAVAL PATEL, Dhaval; BERRAR, Daniel. (2014). *Journal of Machine Learning Research*, 15 99-140. (Published)
- Generative Models for Item Adoptions Using Social Correlation, by CHUA, Freddy Chong Tat; LAUW, Hady W.; LIM, Ee Peng. (2013). *IEEE Transactions on Knowledge and Data Engineering*, 25 (9), 2036-2048. <http://doi.org/10.1109/TKDE.2012.137> (Published)
- Mining direct antagonistic communities in signed social networks, by LO, David; SURIAN, Didi; PRASETYO, Philips Kokoh; KUAN, Zhang; LIM, Ee Peng. (2013). *Information Processing and Management*, 49 (4), 773-791. <https://doi.org/10.1016/j.ipm.2012.12.009> (Published)
- Finding the Optimal Social Trust Path for the Selection of Trustworthy Service Providers in Complex Social Networks, by LIU, Guanfeng; WANG, Yan; ORGUN, Mehmet A.; LIM, Ee Peng. (2013). *IEEE Transactions on Services Computing*, 6 (2), 152-167. <http://doi.org/10.1109/TSC.2011.58> (Published)
- Business intelligence and analytics: Research directions, by LIM, Ee Peng; CHEN, Hsinchun; CHEN, Guoqing. (2013). *ACM Transactions on Management Information Systems*, 3 (4), 1-10. <http://doi.org/10.1145/2407740.2407741> (Published)
- Mining indirect antagonistic communities from social interactions, by ZHANG, Kuan; LO, David; LIM, Ee Peng; PRASETYO, Philips Kokoh. (2013). *Knowledge and Information Systems*, 35 (3), 553-583. <http://doi.org/10.1007/s10115-012-0519-4> (Published)
- Fast and Accurate PSD Matrix Estimation by Row Reduction, by KUWAJIMA, Hiroshi; WASHIO, Takashi; LIM, Ee Peng. (2012). *IEICE Transactions on Information and Systems*, E95D (11), 2599-2612. <https://doi.org/10.1587/transinf.E95.D.2599> (Published)
- Influentials, novelty, and social contagion The viral power of average friends, close communities, and old news, by HARRIGAN, Nicholas; ACHANANUPARP, Palakorn; LIM, Ee Peng. (2012). *Social Networks: An*

*International Journal of Social Network Analysis*, 34 (4), 470-480.  
<https://doi.org/10.1016/j.socnet.2012.02.005> (Published)

Quality and Leniency in Online Collaborative Rating Systems, by LAUW, Hady W.; LIM, Ee Peng; WANG, Ke. (2012). *ACM Transactions on the Web*, 6 (1), 4-1-4-27. <https://doi.org/10.1145/2109205.2109209> (Published)

Evaluating the use of a mobile annotation system for geography education, by GOH, Dion Hoe-Lian; RAZIKIN, Khasfariyati; LEE, Chei Sian; LIM, Ee Peng; CHATTERJEA, Kalyani; CHANG, Chew-Hung. (2012). *Electronic Library*, 30 (5), 589-607. <http://doi.org/10.1108/02640471211275666> (Published)

Who is retweeting the tweeters? Modeling, originating, and promoting behaviors in the twitter network, by PALAKORN, Achananuparp; LIM, Ee Peng; JIANG, Jing; HOANG, Tuan Anh. (2012). *ACM Transactions on Management Information Systems*, 3 (3), 1-30. <http://doi.org/10.1145/2361256.2361258> (Published)

Web classification of conceptual entities using co-training, by SUN, Aixin; LIU, Ying; LIM, Ee Peng. (2011). *Expert Systems with Applications*, 38 (12), 14367-14375. <http://doi.org/10.1016/j.eswa.2011.03.010> (Published)

A usability study of a mobile content sharing system, by CHUA, Alton Yeow-Kuan; GOH, Dion Hoe-Lian; RAZIKIN, Khasfariyati; LIM, Ee Peng. (2011). *Journal of Mobile Multimedia*, 7 (1), 51-65.  
<http://dl.acm.org/citation.cfm?id=2011092> (Published)

Keep It Simple with Time: A Reexamination of Probabilistic Topic Detection Models, by HE, Qi; CHANG, Kuiyu; LIM, Ee Peng; BANERJEE, Arindam. (2010). *IEEE Transactions on Pattern Analysis and Machine Intelligence*, 32 (10), 1795-1808. <http://doi.org/10.1109/TPAMI.2009.203> (Published)

STEvent: Spatio-Temporal Event Model for Social Network Discovery, by LAUW, Hady W.; LIM, Ee Peng; PANG, Hwee Hwa; TAN, Teck-Tim. (2010). *ACM Transactions on Information Systems*, 28 (3), 1-32.  
<https://doi.org/10.1145/1777432.1777438> (Published)

Trust-Oriented Composite Service Selection with QoS Constraints, by LI, Lei; WANG, Yang; LIM, Ee Peng. (2010). *Journal of Universal Computer Science*, 16 (13),  
[http://www.jucs.org/jucs\\_16\\_13/trust\\_oriented\\_composite\\_service](http://www.jucs.org/jucs_16_13/trust_oriented_composite_service) (Published)

On strategies for imbalanced text classification using SVM: A comparative study, by SUN, Aixin; LIM, Ee Peng; LIU, Ying. (2009). *Decision Support Systems*, 48 (1), 191-201.  
<http://doi.org/10.1016/j.dss.2009.07.011> (Published)

Localized monitoring of  $k$ -NN queries in wireless sensor networks, by YAO, Yuxia; TANG, Xueyan; LIM, Ee Peng. (2009). *VLDB Journal*, 18 (1), 99-117. <http://doi.org/10.1007/s00778-007-0089-3> (Published)

Dynamic web service selection for reliable web service composition, by HWANG, San-Yih; LIM, Ee Peng; LEE, Chien-Hsiang; CHEN, Cheng-Hung. (2009). *IEEE Transactions on Services Computing*, 1 (2), 104-116.  
<http://doi.org/10.1109/TSC.2008.2> (Published)

Bias and controversy in evaluation systems, by LAUW, Hady W.; LIM, Ee Peng; WANG, Ke. (2008). *IEEE Transactions on Knowledge and Data Engineering*, 20 (11), 1490-1504.  
<http://doi.org/10.1109/tkde.2008.77> (Published)

Anticipatory event detection via classification, by QI, He; CHANG, Kuiyu; LIM, Ee Peng. (2007). *Information Systems and E-Business Management*, 5 (3), 275-294. <http://doi.org/10.1007/s10257-007-0047-z> (Published)

Extracting link chains of relationship instances from a Web site, by NAING, Myo-Myo; LIM, Ee Peng; CHIANG, Roger Hsiang-Li. (2006). *Journal of the American Society for Information Science and Technology*, 57 (12), 1590-1605. <http://doi.org/10.1002/asi.20469> (Published)

Efficient algorithms for mining maximal valid groups, by WANG, Yida; LIM, Ee Peng; HWANG, San-Yih. (2008). *VLDB Journal*, 17 (3), 515-535. <http://doi.org/10.1007/s00778-006-0019-9> (Published)

An energy-efficient and access latency optimized indexing scheme for wireless data broadcast, by YAO, Yuxia; TANG, Xueyan; LIM, Ee Peng; SUN, Aixin. (2006). *IEEE Transactions on Knowledge and Data Engineering*, 18 (8), 1111-1124. <http://doi.org/10.1109/tkde.2006.118s> (Published)

Web unit-based mining of homepage relationships, by SUN, Aixin; LIM, Ee Peng. (2006). *Journal of the American Society for Information Science and Technology*, 57 (3), 394-407.

<http://doi.org/10.1002/asi.20279> (Published)

Efficient mining of group patterns from user movement data, by WANG, Yida; LIM, Ee Peng; HWANG, San-Yih. (2006). *Data & Knowledge Engineering*, 57 (3), 240-282. <http://doi.org/10.1016/j.datak.2005.04.006> (Published)

Conceptual classification of web pages using bootstrapping and co-training strategies, by LIM, Ee Peng; SUN, Aixin; Marissa, Maria. (2006). *Cyberscape Journal*, 4 (1), [http://www.cais.ntu.edu.sg/~axsun/paper/sun\\_cyberscape06.pdf](http://www.cais.ntu.edu.sg/~axsun/paper/sun_cyberscape06.pdf) (Published)

On organizing and accessing geospatial and georeferenced Web resources using the G-Portal system, by LIU, Zehua; LIM, Ee Peng; THENG, Yin-Leng; GOH, Dion Hoe-Lian; NG, Wee-Keong. (2005). *Information Processing and Management*, 41 (5), 1277-1297. <http://doi.org/10.1016/j.ipm.2004.07.001> (Published)

GeogDL: a web-based approach to geography examination revision, by LIM, Ee Peng; GOH, Dion Hoe-Lian; THENG, Yin-Leng. (2005). *Computers & Education*, 45 (1), 57-73. <http://doi.org/10.1016/j.compedu.2004.04.011> (Published)

Social network discovery by mining spatio-temporal events, by LAUW, Hady W.; LIM, Ee Peng; PANG, Hwee Hwa; TAN, Teck-Tim. (2005). *Computational and Mathematical Organization Theory*, 11 (2), 97-118. <https://doi.org/10.1007/s10588-005-3939-9> (Published)

DEQUE: querying the deep web, by SHESTAKOV, Denis; BHOWMICK, Sourav S.; LIM, Ee Peng. (2005). *Data & Knowledge Engineering*, 52 (3), 273-311. <http://doi.org/10.1016/j.datak.2004.06.009> (Published)

Scheduling queries to improve the freshness of a website, by LIU, Haifeng; NG, Wee-Keong; LIM, Ee Peng. (2005). *World Wide Web*, 8 (1), 61-90. <http://doi.org/10.1023/b:wwwj.0000047378.69751.72> (Published)

Discovery of concept entities from web sites using web unit mining, by YIN, Ming; GOH, Dion Hoe-Lian; LIM, Ee Peng. (2005). *International Journal of Web Information Systems*, 1 (3), 123-135. <http://doi.org/10.1108/17440080580000088> (Published)

Applying scenario-based design and claims analysis to the design of a digital library of geography examination resources, by THENG, Yin-Leng; GOH, Dion Hoe-Lian; LIM, Ee Peng; LIU, Zehua; YIN, Ming; PANG, Natalie Lee-San; WONG, Patricia Bao-Bao. (2005). *Information Processing and Management*, 41 (1), 23-40. <http://doi.org/10.1016/j.ipm.2004.04.004> (Published)

Linear correlation discovery in databases: a data mining approach, by CHUA, Cecil; CHIANG, Roger Hsiang-Li; LIM, Ee Peng. (2005). *Data & Knowledge Engineering*, 53 (3), 311-337. <http://doi.org/10.1016/j.datak.2004.09.002> (Published)

Finding and classifying web units in web sites, by LIM, Ee Peng; SUN, Aixin. (2005). *International Journal of Business Intelligence and Data Mining*, 1 (2), 161-193. <http://doi.org/10.1504/IJBIDM.2005.008361> (Published)

Accommodating instance heterogeneities in database integration, by LIM, Ee Peng; CHIANG, Roger Hsiang-Li. (2004). *Decision Support Systems*, 38 (2), 213-231. [http://doi.org/10.1016/S0167-9236\(03\)00103-9](http://doi.org/10.1016/S0167-9236(03)00103-9) (Published)

Blocking reduction strategies in hierarchical text classification, by LIM, Ee Peng; SUN, Aixin; NG, Wee-Keong; SRIVASTAVA, Jaideep. (2004). *IEEE Transactions on Knowledge and Data Engineering*, 16 (10), 1305-1308. <http://doi.org/10.1109/TKDE.2004.50s> (Published)

A Support-Ordered Trie for fast frequent itemset discovery, by LIM, Ee Peng; WOON, Yew-Kwong; NG, Wee-Keong. (2004). *IEEE Transactions on Knowledge and Data Engineering*, 16 (7), 875-879. <https://doi.org/10.1109/TKDE.2004.1318569> (Published)

An interactive learning environment for a dynamic educational digital library, by LIM, Ee Peng; GOH, Dion Hoe-Lian; THENG, Yin-Leng; SUEN, Eng-Kai. (2004). *WSEAS Transactions on Computers*, 3 (3), 756-761. <http://dr.ntu.edu.sg/handle/10220/6198> (Published)

Towards building logical views of websites, by LIM, Ee Peng; LIU, Zehua; NG, Wee-Keong; LI, Feifei. (2004). *Data & Knowledge Engineering*, 49 (2), 197-222. <http://doi.org/10.1016/j.datak.2003.10.004> (Published)

Parameter driven synthetic web database generation, by LIM, Ee Peng; PRIYADARSHINI, Pallavi; QIN, Fengqiong; NG, Wee-Keong. (2004). *Journal of Systems and Software*, 69 (1-2), 29-42. [http://doi.org/10.1016/S0164-1212\(03\)00002-5](http://doi.org/10.1016/S0164-1212(03)00002-5) (Published)

A Java-based digital library portal for geography education, by LIU, Zehua; YUAN, Hai; LIM, Ee Peng; YIN, Ming; GOH, Dion Hoe-Lian; THENG, Yin-Leng; NG, Wee-Keong. (2004). *Science of Computer Programming*, 53 (1), 87-105. <http://doi.org/10.1016/j.scico.2004.02.007> (Published)

Data model for warehousing historical Web information, by LIM, Ee Peng; CAO, Yinyan; NG, Wee-Keong. (2003). *Information and Software Technology*, 45 (6), 315-334. [http://doi.org/10.1016/S0950-5849\(03\)00019-3](http://doi.org/10.1016/S0950-5849(03)00019-3) (Published)

Performance measurement framework for hierarchical text classification, by LIM, Ee Peng; SUN, Aixin; NG, Wee-Keong. (2003). *Journal of the American Society for Information Science and Technology*, 54 (11), 1014-1028. <http://doi.org/10.1002/asi.10298> (Published)

Instance-based attribute identification in database integration, by LIM, Ee Peng; CHUA, Cecil; CHIANG, Roger Hsiang-Li. (2003). *VLDB Journal*, 12 (3), 228-243. <http://doi.org/10.1007/s00778-003-0088-y> (Published)

Anatomy of the coupling query in a web warehouse, by BHOWMICK, Sourav S.; MADRIA, Sanjay Kumar; NG, Wee-Keong; LIM, Ee Peng. (2002). *Information and Software Technology*, 44 (9), 513-539. [http://doi.org/10.1016/S0950-5849\(02\)00051-4](http://doi.org/10.1016/S0950-5849(02)00051-4) (Published)

Product schema integration for electronic commerce - A synonym comparison approach, by YAN, Guanghao; NG, Wee-Keong; LIM, Ee Peng. (2002). *IEEE Transactions on Knowledge and Data Engineering*, 14 (3), 583-598. <https://doi.org/10.1109/TKDE.2002.1000344> (Published)

An intelligent middleware for linear correlation discovery, by CHUA, Cecil; CHIANG, Roger Hsiang-Li; LIM, Ee Peng. (2002). *Decision Support Systems*, 32 (4), 313-326. [http://doi.org/10.1016/S0167-9236\(01\)00127-0](http://doi.org/10.1016/S0167-9236(01)00127-0) (Published)

On Conceptual Micro-Object Modeling, by CHUA, Cecil; CHIANG, Roger Hsiang-Li; LIM, Ee Peng. (2002). *Journal of Database Management*, 3 (3), 1-16. <http://doi.org/10.4018/jdm.2002070101> (Published)

Mobile commerce: Promises, challenges and research agenda, by SIAU, Keng; LIM, Ee Peng. (2001). *Journal of Database Management*, 12 (3), 4-13. <http://doi.org/10.4018/jdm.2001070101> (Published)

Incorporating window-based passage-level evidence in document retrieval, by XI, Wensi; XU-RONG, Richard; KHOO, Christopher Soo Guan; LIM, Ee Peng. (2001). *Journal of Information Science*, 27 (2), 73-80. <http://doi.org/10.1177/016555150102700202> (Published)

Ontologies and electronic commerce, by FENSEL, Dieter; MCGUINNESS, Deborah L.; SCHULTEN, Ellen; NG, Wee-Keong; LIM, Ee Peng; YAN, Guanghao. (2001). *IEEE Intelligent Systems*, 16 (1), 8-14. <http://doi.org/10.1109/MIS.2001.1183337> (Published)

The integration of relationship instances from heterogeneous databases, by LIM, Ee Peng; CHIANG, Roger Hsiang-Li. (2000). *Decision Support Systems*, 29 (2), 153-167. [http://doi.org/10.1016/S0167-9236\(00\)00070-1](http://doi.org/10.1016/S0167-9236(00)00070-1) (Published)

Data visualization operators for WHOWEDA, by BHOWMICK, Sourav S.; MADRIA, Sanjay K.; NG, Wee-Keong; LIM, Ee Peng. (2000). *Computer Journal*, 43 (5), 364-385. <https://doi.org/10.1093/comjnl/43.5.364> (Published)

Cost benefit analysis of a web bag in a web warehouse: An analytical approach, by BHOWMICK, Sourav S.; LIM, Ee Peng; MADRIA, Sanjay Kumar; NG, Wee-Keong. (2000). *World Wide Web*, 3 (3), 165-184. <http://doi.org/10.1023/A:1019293932473> (Published)

Export database derivation in object-oriented wrappers, by LIM, Ee Peng; LEE, Hou-Kuan. (1999). *Information and Software Technology*, 41 (4), 183-196. [http://doi.org/10.1016/S0950-5849\(99\)00003-8](http://doi.org/10.1016/S0950-5849(99)00003-8) (Published)

Harp: A distributed query system for legacy public libraries and structured data bases, by LIM, Ee Peng; LU, Ying. (1999). *ACM Transactions on Information Systems*, 17 (3), 294-319. <http://doi.org/10.1145/314516.314521> (Published)

Tuple source relational model: A source-aware data model for multidatabases, by LIM, Ee Peng; CHIANG, Roger Hsiang-Li; CAO, Yinyan. (1999). *Data & Knowledge Engineering*, 29 (1), 83-114. [http://doi.org/10.1016/S0169-023X\(99\)00021-X](http://doi.org/10.1016/S0169-023X(99)00021-X) (Published)

Deriving object oriented federated databases and processing federated queries, by LIM, Ee Peng:

SRIVASTAVA, Jaideep. (1998). *Journal of Systems Integration*, 8 (1), 5-30.  
<http://doi.org/10.1023/A:1008291617150> (Published)

An Interlibrary Loan System on the World Wide Web, by FOO, Schubert Shou Boon; LIM, Ee Peng. (1998). *Journal of Interlibrary Loan, Document Delivery and Electronic Reserve*, 8 (3), 75-86.  
[http://doi.org/10.1300/J110V08N03\\_05](http://doi.org/10.1300/J110V08N03_05) (Published)

An integrated web-based ILL system for Singapore libraries, by FOO, Schubert; LIM, Ee Peng. (1998). *Interlending and Document Supply*, 26 (1), 10-20. <https://doi.org/10.1108/02641619810369644> (Published)

Managing world wide web publications, by FOO, Schubert; LIM, Ee Peng. (1997). *Information Management and Computer Security*, 5 (1), 11-17. <https://doi.org/10.1108/09685229710167980> (Published)

A hypermedia database to manage World-Wide-Web documents, by FOO, Schubert Shou Boon; LIM, Ee Peng. (1997). *Information & Management*, 31 (5), 235-249. [http://doi.org/10.1016/S0378-7206\(96\)01088-9](http://doi.org/10.1016/S0378-7206(96)01088-9) (Published)

Integrated queries to existing bibliographic and structured databases, by LIM, Ee Peng; LU, Ying. (1997). *Journal of Network and Computer Applications*, 20 (1), 3-24. <https://doi.org/10.1006/jnca.1996.0036> (Published)

An evidential reasoning approach to attribute value conflict resolution in database integration, by LIM, Ee Peng; SRIVASTAVA, Jaideep; SHEKHAR, Shashi. (1996). *IEEE Transactions on Knowledge and Data Engineering*, 8 (5), 707-723. <http://doi.org/10.1109/69.542025> (Published)

Entity identification in database integration, by LIM, Ee Peng; SRIVASTAVA, Jaideep; PRABHAKAR, Satya; RICHARDSON, James. (1996). *Information Sciences: Informatics and Computer Science Intelligent Systems Applications*, 89 (1-2), 1-38. [http://doi.org/10.1016/0020-0255\(95\)00185-9](http://doi.org/10.1016/0020-0255(95)00185-9) (Published)

Integrating multiple independent information sources: The Harp Digital Library Approach, by LIM, Ee Peng; LU, Ying; LEE, Francis Bu Sung. (1996). *Network Information*, 1 29-49. (Published)

An algebraic transformation framework for multidatabase queries, by LIM, Ee Peng; SRIVASTAVA, Jaideep; HWANG, San-Yih. (1995). *Distributed and Parallel Databases*, 3 (3), 273-307.  
<https://doi.org/10.1007/BF01418060> (Published)

Myriad: Design and implementation of a federated database prototype, by LIM, Ee Peng; HWANG, San-Yih; SRIVASTAVA, Jaideep; CLEMENTS, Dave; GANESH, M.. (1995). *Software: Practice and Experience*, 25 (5), 553-562. <https://doi.org/10.1002/spe.4380250505> (Published)

Multiple Query Optimization with Depth-First Branch-and-Bound and dynamic query ordering, by LIM, Ee Peng; COSAR, Ahmet; SRIVASTAVA, Jaideep. (1995). *Journal of Database Management*, 6 (1), 14-19.  
<http://doi.org/10.4018/jdm.1995010102> (Published)

Semantic networks and associative databases: Two approaches to knowledge representation and reasoning, by LIM, Ee Peng; CHERKASSKY, Vladimir. (1992). *IEEE Expert*, 7 (4), 31-40.  
<https://doi.org/10.1109/64.153462> (Published)

### Editorials

Behavior analysis in social networks: Challenges, technologies, and trends, by WANG, Meng; LIM, Ee Peng; LI, Lei; ORGUN, Mehmet. (2016). *Neurocomputing*, 210 1-2.  
<https://doi.org/10.1016/j.neucom.2016.06.008> (Published)

### Books (Refereed)

*Network data mining and analysis* by GAO, Ming; LIM, Ee-Peng; LO, David. (2019). East China Normal University Scientific Reports, 8. Singapore: World Scientific. <https://doi.org/10.1142/11120> (Published)

### Books (Non-Refereed)

*Advances in mobile commerce technologies* by LIM, Ee Peng; SIAU, Keng. (2003). Hersey, PA: Idea Group. <http://worldcat.org/isbn/9781591400899> (Published)



## Book Chapters

- Measuring Centralities for Transportation Networks Beyond Structures, by CHENG, Yew-Yih; LEE, Roy Ka-Wei; LIM, Ee Peng; ZHU, Feida. (2015). In P. Kazienko and N. Chawla (Ed.), *Applications of Social Media and Social Network Analysis* (pp. 23-39) Springer International Publishing. [http://doi.org/10.1007/978-3-319-19003-7\\_2](http://doi.org/10.1007/978-3-319-19003-7_2) (Published)
- Engagingness and responsiveness behavior models on the Enron email network and its application to email reply order prediction, by ON, Byung-Won; LIM, Ee Peng; JIANG, Jing; TEOW, Loo Nin. (2013). In Özyer, Tansel; Rokne, Jon; Wagner, Gerhard; Reuser, Arno H.P. (Ed.), *The Influence of Technology on Social Network Analysis and Mining* (pp. 227-253) New York: Springer Verlag. [http://doi.org/10.1007/978-3-7091-1346-2\\_10](http://doi.org/10.1007/978-3-7091-1346-2_10) (Published)
- Information Integration for Graph Databases, by LIM, Ee Peng; SUN, Aixin; DATTA, Anwitaman; KUIYU, CHANG. (2010). In Philip S. Yu, Christos Faloutsos, and Jiawei Han (Ed.), *Link Mining: Models, Algorithms, and Applications* (pp. 265-281) New York: Springer Verlag. [http://doi.org/10.1007/978-1-4419-6515-8\\_10](http://doi.org/10.1007/978-1-4419-6515-8_10) (Published)
- Modeling Anticipatory Event Transitions, by QI, He; CHANG, Kuiyu; LIM, Ee Peng. (2010). *Intelligence and Security Informatics: Techniques and Applications* (pp. 97-119) New York: Springer Verlag. [http://doi.org/10.1007/978-3-540-69209-6\\_6](http://doi.org/10.1007/978-3-540-69209-6_6) (Published)
- Document selection for extracting entity and relationship instances of terrorist events, by SUN, Zhen; LIM, Ee Peng; CHANG, Kuiyu; SURYANTO, Maggy Anastasia; GUNARATNA, Rohan Kumar. (2008). In Chen, Hsinchun; Reid, Edna; Sinai, Joshua; Silke, Andrew; Ganor, Boaz (Ed.), *Terrorism Informatics: Knowledge Management and Data Mining for Homeland Security* (pp. 309-346) New York: Springer Verlag. [http://doi.org/10.1007/978-0-387-71613-8\\_15](http://doi.org/10.1007/978-0-387-71613-8_15) (Published)
- The roles of Digital Libraries in teaching and learning Geography, by CHANG, Chew-Hung; HEDBERG, John; TEH, Tiong-Sa; LIM, Ee Peng. (2006). In Kim-Chuan Goh, and Sekson Yongvanit (Ed.), *Change and Development in Southeast Asia in an Era of Globalization: Proceedings of the 7th Southeast Asian Geography Association Conference, 29 November to 2 December 2004, Thailand* Singapore: Pearson Prentice Hall. <http://www.worldcat.org/oclc/70908455> (Published)
- Implementation of next generation Digital Libraries, by LIM, Ee Peng; HWANG, San-Yih. (2005). In Yin-Leng THENG, and Schubert FOO (Ed.), *Design and Usability of Digital Libraries: Case Studies in the Asia Pacific* Hershey, PA: Idea Group. <http://www.worldcat.org/oclc/57762004> (Published)
- Web Usage Mining: Algorithms and results, by LIM, Ee Peng; WOON, Yew-Kwong; NG, Wee-Keong. (2004). In Anthony Scime (Ed.), *Web Mining: Applications and Techniques* (pp. 373-392) Hershey, PA: Idea Group. <http://worldcat.org/isbn/9781591404149> (Published)
- Personalized web information extraction via web views, by LIM, Ee Peng; LIU, Zehua; NG, Wee-Keong. (2004). In David Taniar, and Johanna Wenny Rahayu (Ed.), *Web Information Systems* (pp. 227-267) Hershey, PA: Idea Group. <http://worldcat.org/isbn/9781591402084> (Published)
- Hierarchical text classification methods and their specification, by LIM, Ee Peng; SUN, Aixin; NG, Wee-Keong. (2003). In Alvin Toong Shoon Chan, et al (Ed.), *Cooperative Internet Computing* (pp. 236-256) Boston: Springer Verlag. [http://doi.org/10.1007/978-1-4615-0435-1\\_14](http://doi.org/10.1007/978-1-4615-0435-1_14) (Published)
- Discovering important relationships for effective target marketing, by LIM, Ee Peng; NG, Wee-Keong; ONG, Kok-Leong. (2002). In Rafael Corchuelo, Antonio Ruiz-Cortés, and Robert Wrembel (Ed.), *Technologies Supporting Business Solutions* New York: Nova Science Publishers. <http://worldcat.org/isbn/9781590338025> (Published)
- Knowledge discovery using web bags in a web warehouse, by LIM, Ee Peng; BHOWMICK, Sourav S.; KUMAR, Sanjay; NG, Wee-Keong. (2000). *Information Organization and Databases: Foundations of Data Organization* (pp. 149-162) New York: Springer Verlag. [http://doi.org/10.1007/978-1-4615-1379-7\\_11](http://doi.org/10.1007/978-1-4615-1379-7_11) (Published)

## Encyclopedia Entries

- Collaboration patterns in software developer network, by SURIAN, Didi; LIM, Ee-Peng; LO, David. (2018). In R. Alhajj, & J. Rokne (Ed.), *Encyclopedia of social network analysis and mining* (pp. 224-229) Cham:

Springer. [https://doi.org/10.1007/978-1-4939-7131-2\\_292](https://doi.org/10.1007/978-1-4939-7131-2_292) (Published)

Collaboration patterns in software developer network, by SURIAN, Didi; LO, David; LIM, Ee Peng. (2014). In Alhaji, Reda; Rokne, Jon (Ed.), *Encyclopedia of Social Network Analysis and Mining* (pp. 118-124) New York: Springer Verlag. [http://doi.org/10.1007/978-1-4614-6170-8\\_292](http://doi.org/10.1007/978-1-4614-6170-8_292) (Published)

Web social mining, by LAUW, Hady W.; LIM, Ee Peng. (2009). In Miriam A. Drake (Ed.), *Encyclopedia of library and information science* Boca Raton, FL: CRC Press. <http://worldcat.org/isbn/9780849338946> (Published)

Association Rule Mining, by WOON, Yew-Kwong; NG, Wee-Keong; LIM, Ee Peng. (2005). In Wang, John (Ed.), *Encyclopedia of Data Warehousing and Mining* (pp. 76-) Hershey, PA: Information Science Reference. <http://www.worldcat.org/isbn/9781591405597> (Published)

Entity Identification, by LIM, Ee Peng. (1998). In Kent, Allen (Ed.), *Encyclopedia of Library and Information Science* New York: Marcel Dekker. <http://worldcat.org/isbn/9780824720636> (Published)

### Edited Books

*Advances of computational intelligence in industrial systems publisher*, edited by LIU, Ying; SUN, Aixin; LOH, Han Tong; LU, Wen Feng; LIM, Ee Peng. (2008). Studies in Computational Intelligence, Berlin: Springer Verlag-Verlag. <http://link.springer.com/book/10.1007/978-3-540-78297-1> (Published)

### Conference Proceedings

Generative semi-supervised graph anomaly detection, by QIAO, Hezhe; WEN, Qingsong; LI, Xiaoli; LIM, Ee-Peng; PANG, Guansong. (2024.0). *Proceedings of 38th Annual Conference on Neural Information Processing Systems (NeurIPS 2024) : Vancouver, Canada, December 10-15*, (pp. 1-29) Vancouver: <https://doi.org/10.48550/ARXIV.2402.11887> (Accepted)

Thoughts to target : enhance planning for target-driven conversation, by ZHENG, Zhonghua; LIAO, Lizi; DENG, Yang; LIM, Ee-Peng; HUANG, Minlie; NIE, Liqiang. (2024.0). *Proceedings of the Conference on Empirical Methods in Natural Language Processing 19th EMNLP 2024 : Miami, Florida, USA, November 12-16*, (pp. 21108-21124) USA: Association for Computational Linguistics. (Published)

Speaker verification in agent-generated conversations, by YANG, Yizhe; ACHANANUPARP, Palakorn; HUANG, Heyan; JIANG, Jing; LIM, Ee-Peng. (2024.0). *Proceedings of the 62nd Annual Meeting of the Association for Computational Linguistics (ACL 2024) : Bangkok, Thailand, August 11-16*, (pp. 5655-5675) Bangkok, Thailand: Association for Computational Linguistics. <https://doi.org/10.18653/v1/2024.acl-long.307> (Published)

The whole is better than the sum : Using aggregated demonstrations in in-context learning for sequential recommendation, by LEI, Wang; LIM, Ee-Peng. (2024.0). *Proceedings of the Annual Conference of the North American Chapter of the Association for Computational Linguistics (NAACL 2024) : Mexico City, Mexico, June 16-21*, (pp. 876-895) Mexico City: Association for Computational Linguistics. <https://doi.org/10.18653/v1/2024.findings-naacl.56> (Published)

Mitigating fine-grained hallucination by fine-tuning large vision-language models with caption rewrites, by WANG, Lei; HE, Jiabang; LI, Shenshen; LIU, Ning; LIM, Ee-Peng. (2024.0). *Multimedia Modeling: MMM 2024: International Conference, Amsterdam, January 29 - February 2: Proceedings*, (pp. 32-45) Cham: Springer. [https://doi.org/10.1007/978-3-031-53302-0\\_3](https://doi.org/10.1007/978-3-031-53302-0_3) (Published)

LLM-adapters: An adapter family for parameter-efficient fine-tuning of large language models, by HU, Zhiqiang; WANG, Lei; LAN, Yihuai; XU, Wanyu; LIM, Ee-Peng; BING, Lidong; XU, Xing; PORIA, Soujanya; LEE, Roy Ka-Wei. (2023.0). *2023 Conference on Empirical Methods in Natural Language Processing: Singapore, December 6-10: Proceedings*, (pp. 5254-5276) Stroudsburg, PA: Association for Computational Linguistics. <https://doi.org/10.18653/v1/2023.emnlp-main.319> (Published)

LLM4Vis: Explainable visualization recommendation using ChatGPT, by WANG, Lei; ZHANG, Songheng; WANG, Yun; LIM, Ee-Peng; WANG, Yong. (2023.0). *2023 Conference on Empirical Methods in Natural Language Processing: Singapore, December 6-10: Proceedings*, (pp. 675-692) Stroudsburg, PA: Association for Computational Linguistics. <https://doi.org/10.18653/v1/2023.emnlp-industry.64> (Published)

The 4th International Workshop on Talent and Management Computing (TMC'2023): Editorial, by ZHU,

Hengshu; XIONG, Hui; GE, Yong; LIM, Ee-Peng. (2023.0). *KDD '23: Proceedings of the 29th ACM SIGKDD Conference on Knowledge Discovery and Data Mining: 6-10 August, Long Beach, CA*, (pp. 5909-5910) New York: ACM. <https://doi.org/10.1145/3580305.3599200> (Published)

Plan-and-solve prompting: Improving zero-shot chain-of-thought reasoning by large language models, by WANG, Lei; XU, Wanyu; LAN, Yihuai; HU, Zhiqiang; LAN, Yunshi; LEE, Roy Ka-Wei; LIM, Ee-Peng. (2023.0). *61st Annual Meeting of the Association for Computational Linguistics, ACL 2023: Toronto, July 9-14: Proceedings*, (pp. 2609-2634) Toronto: ACL. <https://doi.org/10.18653/v1/2023.acl-long.147> (Published)

Contrastive learning approach to word-in-context task for low-resource languages, by LO, Pei-Chi; LEE, Yang-Yin; CHEN, Hsien-Hao; KWEE, Agus Trisnajaya; LIM, Ee-Peng. (2023.0). *Proceedings of the 37th AAAI Workshop on Knowledge Augmented Methods for Natural Language Processing, Washington, DC, 2023 February 7-14*, (pp. 1-8) Washington D.C.: (Published)

Learning dynamic multimodal implicit and explicit networks for multiple financial tasks, by ANG, Gary; LIM, Ee-Peng. (2022.0). *Proceedings of the 2022 IEEE International Conference on Big Data (Big Data), Osaka, Japan, December 17-20*, (pp. 825-834) Piscataway, NJ: IEEE. <https://doi.org/10.1109/BigData55660.2022.10020722> (Published)

Singlish Checker: A tool for understanding and analysing an English Creole language, by HSIEH, Lee-Hsun; CHUA, Nam-Chew; KWEE, Agus Trisnajaya; LO, Pei-Chi; LEE, Yang-Yin; LIM, Ee-Peng. (2022.0). *ICADL '22: Proceedings of the International Conference on Asia-Pacific Digital Libraries, Hanoi, November 30 - December 2*, (pp. 115-124) Cham: Springer. [https://doi.org/10.1007/978-3-031-21756-2\\_9](https://doi.org/10.1007/978-3-031-21756-2_9) (Published)

Mitigating popularity bias in recommendation with unbalanced interactions: A gradient perspective, by REN, Weijieying; WANG, Lei; LIU, Kunpeng; GUO, Ruocheng; LIM, Ee-Peng; FU, Yanjie. (2022.0). *2022 IEEE International Conference on Data Mining (ICDM): Orlando, FL, November 28 - December 1: Proceedings*, (pp. 438-447) Los Alamitos, CA: IEEE Computer Society. <https://doi.org/10.1109/ICDM54844.2022.00054> (Published)

Graph neural network with self-attention and multi-task learning for credit default risk prediction, by LI, Zihao; WANG, Xianzhi; YAO, Lina; CHEN, Yakun; XU, Guandong; LIM, Ee-Peng. (2022.0). *Web Information Systems Engineering, WISE 2022: 23rd International Conference, Biarritz, France, November 1-3: Proceedings*, (pp. 616-629) Cham: Springer. [https://doi.org/10.1007/978-3-031-20891-1\\_44](https://doi.org/10.1007/978-3-031-20891-1_44) (Published)

Explanation guided contrastive learning for sequential recommendation, by WANG, Lei; LIM, Ee-Peng; LIU, Zhiwei; ZHAO, Tianxiang. (2022.0). *CIKM '22: Proceedings of the 31st Conference on Information and Knowledge Management, Atlanta, 2022 October 17-21*, (pp. 2017-2027) Atlanta: ACM. <https://doi.org/10.1145/3511808.3557317> (Published)

Harnessing confidence for report aggregation in crowdsourcing environments, by ALHOSAINI, Hadeel; WANG, Xianzhi; YAO, Lina; YANG, Zhong; HUSSAIN, Farookh; LIM, Ee-Peng. (2022.0). *Proceedings of the 2022 IEEE International Conference on Services Computing (SCC), Barcelona, Spain, July 10-16*, (pp. 1-10) Barcelona, Spain: IEEE. <https://doi.org/10.1109/SCC55611.2022.00051> (Published)

Guided attention multimodal multitask financial forecasting with inter-company relationships and global and local news, by ANG, Gary; LIM, Ee-Peng. (2022.0). *Proceedings of the 60th Annual Meeting of the Association for Computational Linguistics, Dublin, Ireland, 2022 May 22-27*, (pp. 6313-6326) Dublin: Association for Computational Linguistics. <http://doi.org/10.18653/v1/2022.acl-long.437> (Published)

Learning user interface semantics from heterogeneous networks with multi-modal and positional attributes, by ANG, Gary; LIM, Ee-Peng. (2022.0). *Proceedings of the 27th Annual Conference on Intelligent User Interfaces, Virtual, 2022 March 22-25*, (pp. 1-14) New York: ACM. (Accepted)

MWPToolkit: An open-source framework for deep learning-based math word problem solvers, by LAN, Yihuai; WANG, Lei; ZHANG, Qiyuan; LAN, Yunshi; DAI, Bing Tian; WANG, Yan; ZHANG, Dongxiang; LIM, Ee-Peng. (2022.0). *Proceedings of the 36th AAAI Conference on Artificial Intelligence, Virtual Conference, 2022 February 22 - March 1*, (pp. 13188-13190) Palo Alto, CA: AAAI Press. <https://doi.org/10.1609/aaai.v36i11.21723> (Published)

On analysing student resilience in higher education programs using a data-driven approach, by WIDJAJA, Audrey Tedja; LIM, Ee-Peng; GUNAWAN, Aldy. (2021.0). *2021 IEEE International Conference on Engineering, Technology & Education (TALE): Wuhan, December 5-8: Proceedings*, (pp. 261-267) Piscataway, NJ: IEEE. <https://doi.org/10.1109/TALE52509.2021.9678537> (Published)

NOAHQA: Numerical reasoning with interpretable graph question answering dataset, by ZHANG, Qiyuan; WANG, Lei; YU, Sicheng; WANG, Shuohang; WANG, Yang; JIANG, Jing; LIM, Ee-Peng. (2021.0). *Findings of the Association for Computational Linguistics: EMNLP 2021: November 7-11*, (pp. 4147-4161) Stroudsburg, PA: Association for Computational Linguistics. <https://doi.org/10.18653/v1/2021.findings-emnlp.350> (Published)

Learning knowledge-enriched company embeddings for investment management, by ANG, Gary; LIM, Ee-Peng. (2021.0). *ACM International Conference on AI in Finance (ICAIF'21)*, (pp. 1-9) Virtual Conference: ACM. (Published)

A large-scale benchmark for food image segmentation, by WU, Xiongwei; FU, Xin; LIU, Ying; LIM, Ee-Peng; HOI, Steven C. H.; SUN, Qianru. (2021.0). *MM '21: Proceedings of the 29th ACM International Conference on Multimedia, Virtual, October 20-24*, (pp. 506-515) New York: ACM. <https://doi.org/10.1145/3474085.3475201> (Published)

On predicting personal values of social media users using community-specific language features and personal value correlation, by SILVA, Amila; LO, Pei-Chi; LIM, Ee-Peng. (2021.0). *International AAAI Conference on Web and Social Media 2021 (ICWSM2021)*, (pp. 680-690) Online: AAAI Press. (Published)

ENCONTER: Entity constrained progressive sequence generation via insertion-based transformer, by HSIEH, Lee Hsun; LEE, Yang Yin; LIM, Ee Peng. (2021.0). *EACL 2021: Proceedings of the 16th European Chapter of the Association for Computational Linguistics, April 19-23, Kyiv, Ukraine and Virtual*, (pp. 1-10) Stroudsburg, PA: ACL. <http://doi.org/10.18653/v1/2021.eacl-main.313> (Published)

Learning network-based multi-modal mobile user interface embeddings, by ANG, Gary; LIM, Ee-Peng. (2021.0). *Proceedings of the 26th Annual Conference on Intelligent User Interfaces, College Station, Texas, 2021 April 14-17*, (pp. 366-376) College Station, Texas, USA: ACM. (Published)

Structurally enriched entity mention embedding from semi-structured textual content, by HSIEH, Lee-Hsun; LEE, Yang-Yin; LIM, Ee Peng. (2021.0). *ACM/SIGAPP Symposium On Applied Computing 36th SAC 2021, March 22-26*, (pp. 1-4) New York: ACM. <https://doi.org/10.1145/3412841.3442100> (Published)

Co-embedding attributed networks with external knowledge, by LO, Pei-Chi; LIM, Ee-Peng. (2020.0). *IEEE Big Data 2020 - IEEE International Conference on Big Data, 2020 December 10-13, Piscataway, NJ: IEEE*. (Forthcoming)

Learning personal conscientiousness from footprints in e-learning systems, by TING, Lo Pang-Yun; TENG, Shan-Yun; CHUANG, Kun Ta; LIM, Ee Peng. (2020.0). *2020 IEEE International Conference on Data Mining ICDM: Virtual, November 17-20: Proceedings*, (pp. 1292-1297) Piscataway, NJ: IEEE. <https://doi.org/10.1109/ICDM50108.2020.00166> (Published)

TPR: Text-aware Preference Ranking for recommender systems, by CHUANG, Yu-Neng; CHEN, Chih-Ming; WANG, Chuan-Ju; TSAI, Ming-Feng; FANG, Yuan; LIM, Ee-Peng. (2020.0). *Proceedings of the 29th ACM International Conference on Information and Knowledge Management (CIKM' 20), Virtual Event, Ireland, 2020 October 19-23*, (pp. 1-10) Virtual Event, Ireland: ACM. <https://doi.org/10.1145/3340531.3411969> (Published)

CO2Vec: Embeddings of co-ordered networks based on mutual reinforcement, by CHIANG, Meng-Fen; LIM, Ee-Peng; LEE, Wang-Chien; PRASETYO, Philips Kokoh. (2020.0). *2020 7th IEEE International Conference on Data Science and Advanced Analytics (DSAA): 6-9 October, Sydney, Virtual: Proceedings*, (pp. 148-157) Piscataway, NJ: IEEE. <https://doi.org/10.1109/DSAA49011.2020.00027> (Published)

Foodbot: A goal-oriented just-in-time healthy eating interventions chatbot, by PRASETYO, Philips Kokoh; ACHANANUPARP, Palakorn; LIM, Ee-Peng. (2020.0). *PervasiveHealth '20: Proceedings of the 14th EAI International Conference on Pervasive Computing Technologies for Healthcare, Virtual, United States, October 6-8*, (pp. 436-439) New York: ACM. <https://doi.org/10.1145/3421937.3421960> (Published)

DeepStyle: User style embedding for authorship attribution of short texts, by HU, Zhiqiang; LEE, Roy Ka-Wei; WANG, Lei; LIM, Ee-Peng; DAI, Bo. (2020.0). *Web and Big Data: 4th International Joint Conference, APWeb-WAIM 2020, Tianjin, China, September 18-20: Proceedings*, (pp. 221-229) Cham: Springer. [https://doi.org/10.1007/978-3-030-60290-1\\_17](https://doi.org/10.1007/978-3-030-60290-1_17) (Published)

On modeling labor markets for fine-grained insights, by SUGIARTO, Hendrik Santoso; LIM, Ee-Peng. (2020.0). *Proceedings of the 5th Workshop on Data Science for Social Good*, (pp. 9-25) Ghent, Belgium: (Published)

Interactive entity linking using entity-word representations, by LO, Pei-Chi; LIM, Ee-Peng. (2020.0). *SIGIR '20: Proceedings of the 43rd International ACM SIGIR Conference on Research and Development in Information Retrieval*, (pp. 1801-1804) New York, USA: Association for Computing Machinery. <https://doi.org/10.1145/3397271.3401254> (Published)

Next-term grade prediction: A machine learning approach, by WIDJAJA, Audrey Tedja; WANG, Lei; TRUONG, Nghia Trong; GUNAWAN, Aldy; LIM, Ee-Peng. (2020.0). *Proceedings of the Thirteenth International Conference on Educational Data Mining (EDM 2020): Virtual conference, July 10-13*, (pp. 700-703) Virtual: (Published)

Graph-to-tree learning for solving math word problems, by ZHANG, Jipeng; WANG, Lei; LEE, Roy Ka-Wei; BIN, Yi; WANG, Yan; SHAO, Jie; LIM, Ee-Peng. (2020.0). *Proceedings of the 58th Annual Meeting of the Association for Computational Linguistics*, (pp. 3928-3937) Online: Association for Computational Linguistics. <https://doi.org/10.18653/v1/2020.acl-main.362> (Published)

Retrofitting embeddings for unsupervised user identity linkage, by ZHOU, Tao; LIM, Ee-Peng; LEE, Roy Ka-Wei; ZHU, Feida; CAO, Jiuxin. (2020.0). *PAKDD2020: The 24th Pacific-Asia Conference on Knowledge Discovery and Data Mining, 11-14 May 2020*, (pp. 385-397) Online: Springer. [https://doi.org/10.1007/978-3-030-47426-3\\_30](https://doi.org/10.1007/978-3-030-47426-3_30) (Published)

JPLink: On linking jobs to vocational interest types, by SILVA, Amila; LO, Pei-Chi; LIM, Ee-Peng. (2020.0). *PAKDD2020: The 24th Pacific-Asia Conference on Knowledge Discovery and Data Mining, 11-14 May 2020*, (pp. 220-232) Online: [https://doi.org/10.1007/978-3-030-47436-2\\_17](https://doi.org/10.1007/978-3-030-47436-2_17) (Published)

RecipeGPT: Generative pre-training based cooking recipe generation and evaluation system, by LEE, Helena H.; SHU, Ke; ACHANANUPARP, Palakorn; PRASETYO, Philips Kokoh; LIU, Yue; LIM, Ee-Peng; VARSHNEY, Lav R.. (2020.0). *WWW '20: Companion Proceedings of the Web Conference, April 20-24, Taiwan*, (pp. 181-184) New York: ACM. <https://doi.org/10.1145/3366424.3383536> (Published)

A near-optimal change-detection based algorithm for piecewise-stationary combinatorial semi-bandits, by ZHOU, Huozhi; WANG, Lingda; VARSHNEY, Lav N.; LIM, Ee Peng. (2020.0). *Thirty-Third AAAI Conference on Artificial Intelligence: AAAI-20: New York, February 7-12: Proceedings*, (pp. 1-9) Menlo Park, CA: AAAI Press. (Accepted)

Teacher-student networks with multiple decoders for solving math word problem, by ZHANG, Jipeng; LEE, Roy Ka-Wei; LIM, Ee-Peng; QIN, Wei; WANG, Lei; SHAO, Jie; SUN, Qianru. (2020.0). *Proceedings of the Twenty-Ninth International Joint Conference on Artificial Intelligence 2020: Yokohama*, (pp. 4011-4017) Menlo Park, CA: IJCAI. <https://doi.org/10.24963/ijcai.2020/555> (Published)

Characterizing and predicting repeat food consumption behavior for just-in-time interventions, by LIU, Yue; LEE, Helena; ACHANANUPARP, Palakorn; LIM, Ee-Peng; CHENG, Tzu-Ling; LIN, Shou-De. (2019.0). *DPH 2019: Proceedings of the 9th International Conference on Digital Public Health: Marseille, France, November 20-23*, (pp. 11-20) New York: ACM. <https://doi.org/10.1145/3357729.3357736> (Published)

Estimating glycemic impact of cooking recipes via online crowdsourcing and machine learning, by LEE, Helena H.; ACHANANUPARP, Palakorn; LIU, Yue; LIM, Ee-Peng; VARSHNEY, Lav R.. (2019.0). *DPH 2019: Proceedings of the 9th International Conference on Digital Public Health: Marseille, France, November 20-23*, (pp. 31-35) New York: ACM. <https://doi.org/10.1145/3357729.3357748> (Published)

AD-Link: An adaptive approach for user identity linkage, by MU, Xin; XIE, Wei; LEE, Roy Ka-Wei; ZHU, Feida; LIM, Ee-Peng. (2019.0). *2019 IEEE International Conference on Big Knowledge 9th ICBK: Beijing, November 10-11: Proceedings*, (pp. 183-190) Piscataway, NJ: IEEE. <https://doi.org/10.1109/ICBK.2019.00032> (Published)

On analysing supply and demand in labor markets: Framework, model and system, by SUGIARTO, Hendrik Santoso; LIM, Ee-Peng; SIM, Ngak Leng. (2019.0). *2019 IEEE International Conference on Data Science and Advanced Analytics 6th DSAA: Washington, October 5-8: Proceedings*, (pp. 511-520) Piscataway, NJ: IEEE. <https://doi.org/10.1109/DSAA.2019.00066> (Published)

FoodAI: Food image recognition via deep learning for smart food logging, by SAHOO, Doyen; WANG, Hao; SHU, Ke; WU, Xiongwei; LE, Hung; ACHANANUPARP, Palakorn; LIM, Ee-Peng; HOI, Steven C. H.. (2019.0). *KDD '19: Proceedings of the 25th ACM SIGKDD International Conference on Knowledge Discovery and Data Mining, Anchorage, AK, August 4-9*, (pp. 2260-2268) New York: ACM. <https://doi.org/10.1145/3292500.3330734> (Published)

One-class order embedding for dependency relation prediction, by CHIANG, Meng-Fen; LIM, Ee-Peng; LEE,

Wang-Chien; ASHOK, Xavier Jayaraj Siddarth; PRASETYO, Philips Kokoh. (2019.0). *SIGIR '19: Proceedings of the 42nd International ACM SIGIR Conference on Research and Development in Information Retrieval, Paris, July 21-25*, (pp. 205-214) New York: ACM. <https://doi.org/10.1145/3331184.3331249> (Published)

Learning cross-modal embeddings with adversarial networks for cooking recipes and food images, by WANG, Hao; SAHOO, Doyen; LIU, Chenghao; LIM, Ee-Peng; HOI, Steven C. H.. (2019.0). *2019 32nd IEEE/CVF Conference on Computer Vision and Pattern Recognition CVPR; Long Beach, June 16-20*, (pp. 11572-11581) Piscataway, NJ: IEEE. <https://doi.org/10.1109/CVPR.2019.01184> (Published)

On learning psycholinguistics tools for English-based Creole languages using social media data, by LO, Pei-Chi; LIM, Ee-Peng. (2018.0). *2018 IEEE International Conference on Big Data (Big Data): Seattle, December 10-13: Proceedings*, (pp. 751-760) Piscataway, NJ: IEEE. <https://doi.org/10.1109/BigData.2018.8622010> (Published)

Linky: Visualizing user identity linkage results for multiple online social networks (Demo), by LEE, Roy Ka-Wei; HEE, Ming Shan; PRASETYO, Philips Kokoh; LIM, Ee-Peng. (2018.0). *2018 IEEE International Conference on Data Mining Workshops 18th ICDMW: Singapore, November 17-20: Proceedings*, (pp. 1453-1458) Los Alamitos, CA: IEEE Computer Society. <https://doi.org/10.1109/ICDMW.2018.00207> (Published)

JobSense: A data-driven career knowledge exploration framework and system, by ASHOK, Xavier Jayaraj Siddarth; LIM, Ee-Peng; PRASETYO, Philips Kokoh. (2018.0). *2018 IEEE International Conference on Data Mining Workshops (ICDMW): Singapore, November 17-20: Proceedings*, (pp. 1-6) Piscataway, NJ: IEEE. <https://doi.org/10.1109/ICDMW.2018.00200> (Published)

Unsupervised user identity linkage via factoid embedding, by XIE, Wei; MU, Xin; LEE, Roy Ka-Wei; ZHU, Feida; LIM, Ee Peng. (2018.0). *2018 IEEE International Conference on Data Mining (ICDM 2018), Singapore, November 17-20: Proceedings*, (pp. 1338-1343) Los Alamitos, CA: IEEE Computer Society. <https://doi.org/10.1109/ICDM.2018.00182> (Published)

Inferring trip occupancies in the rise of ride-hailing services, by CHIANG, Meng-Fen; LIM, Ee-Peng; LEE, Wang-Chien; HOANG, Tuan-Anh. (2018.0). *CIKM '18: Proceedings of the 27th ACM International Conference on Information and Knowledge Management: October 22-26, Torino, Italy*, (pp. 2097-2105) New York: ACM. <https://doi.org/10.1145/3269206.3272025> (Published)

Traffic-Cascade: Mining and visualizing lifecycles of traffic congestion events using public bus trajectories, by KWEE, Agus Trisnajaya; PRASETYO, Philips Kokoh; CHIANG, Meng Fen; LIM, Ee Peng. (2018.0). *CIKM '18: Proceedings of the 27th ACM International Conference on Information and Knowledge Management: Torino, Italy, October 22-26*, (pp. 1955-1958) New York: ACM. <https://doi.org/10.1145/3269206.3269216> (Published)

JobComposer: Career path optimization via multicriteria utility learning, by OENTARYO, Richard J.; ASHOK, Xavier Jayaraj Siddarth; LIM, Ee Peng; PRASETYO, Philips Kokoh. (2018.0). *Workshop on Data Science for Human Capital Management (DSHCM2018), Dublin, Ireland, Europe, 2018 September 14*, (pp. 1-16) Dublin: DSHCM. (Published)

Are you on the right track? Learning career tracks for job movement analysis, by CHIANG, Meng-Fen; LIM, Ee-Peng; LEE, Wang-Chien; TIAN, Yuan; HUNG, Chih-Chieh. (2018.0). *Workshop on Data Science for Human Capital Management (DSHCM2018), Dublin, Ireland, 2018, September 14*, (pp. 1-16) Dublin: DSHCM. (Published)

Implicit linking of food entities in social media, by CHONG, Wen-Haw; LIM, Ee-Peng. (2018.0). *European Conference on Machine Learning and Principles and Practice of Knowledge Discovery in Databases ECML-PKDD 2018, Dublin, Ireland, September 10-14*, (pp. 169-185) Cham: Springer. [https://doi.org/10.1007/978-3-030-10997-4\\_11](https://doi.org/10.1007/978-3-030-10997-4_11) (Published)

PACELA: A neural framework for user visitation in location-based social networks, by DOAN, Thanh-Nam; LIM, Ee-Peng. (2018.0). *UMAP '18: Proceedings of the 26th Conference on User Modeling, Adaptation and Personalization, Singapore, July 8-11*, (pp. 13-21) New York: ACM. <https://doi.org/10.1145/3209219.3209231> (Published)

Social stream classification with emerging new labels, by MU, Xin; ZHU, Feida; LIU, Yue; LIM, Ee-Peng; ZHOU, Zhi-Hua. (2018.0). *Advances in knowledge discovery and data mining: 22nd Pacific-Asia Conference, PAKDD 2018, Melbourne, Australia, June 3-6, 2018: Proceedings*, (pp. 16-28) Cham: Springer. [https://doi.org/10.1007/978-3-319-93034-3\\_2](https://doi.org/10.1007/978-3-319-93034-3_2) (Published)

- Discovering hidden topical hubs and authorities in online social networks, by LEE, Roy Ka-Wei; HOANG, Tuan-Anh; LIM, Ee-Peng. (2018.0). *Proceedings of the SIAM International Conference on Data Mining (SDM18): San Diego, CA, May 3-5*, (pp. 378-386) Philadelphia: SIAM. <https://doi.org/10.1137/1.9781611975321.43> (Published)
- Does journaling encourage healthier choices? Analyzing healthy eating behaviors of food journalers, by ACHANANUPARP, Palakorn; LIM, Ee Peng; ABHISHEK, Vibhanshu. (2018.0). *DH '18: Proceedings of the 2018 International Conference on Digital Health, Lyon, France, April 23-26*, (pp. 35-44) New York: ACM. <https://doi.org/10.1145/3194658.3194663> (Published)
- Eat & Tell: A randomized trial of random-loss incentive to increase dietary self-tracking compliance, by ACHANANUPARP, Palakorn; LIM, Ee-Peng; ABHISHEK, Vibhanshu; YUN, Tianjiao. (2018.0). *DH '18: Proceedings of the 8th International Digital Health Conference, Lyon, France, April 23-26*, (pp. 45-54) New York: ACM. <https://doi.org/10.1145/3194658.3194662> (Published)
- BTCI: A new framework for identifying congestion cascades using bus trajectory data, by CHIANG, Meng-Fen; LIM, Ee Peng; LEE, Wang-Chien; KWEE, Agus Trisnajaya. (2017.0). *2017 IEEE International Conference on Big Data: Boston, December 11-14: Proceedings*, (pp. 1133-1142) Piscataway, NJ: IEEE. <https://doi.org/10.1109/BigData.2017.8258039> (Published)
- On analyzing job hop behavior and talent flow networks, by OENTARYO, Richard J.; ASHOK, Xavier Jayaraj; LIM, Ee Peng; PRASETYO, Philips Kokoh. (2017.0). *17th IEEE International Conference on Data Mining Workshops (ICDMW): New Orleans, November 18-21: Proceedings*, (pp. 207-214) Piscataway, NJ: IEEE. <https://doi.org/10.1109/ICDMW.2017.172> (Published)
- An analysis of rumor and counter-rumor messages in social media, by GOH, Dion Hoe-Lian; CHUA, Alton Y. K.; SHI, Hanyu; WEI, Wenju; WANG, Haiyan; LIM, Ee Peng. (2017.0). *Digital libraries: Data, information, and knowledge for digital lives: 19th International Conference on Asia-Pacific Digital Libraries, ICADL 2017, Bangkok, Thailand, November 13-15, Proceedings*, (pp. 256-266) Cham: Springer. [https://doi.org/10.1007/978-3-319-70232-2\\_22](https://doi.org/10.1007/978-3-319-70232-2_22) (Published)
- Tweet geolocation: Leveraging location, user and peer signals, by CHONG, Wen-Haw; LIM, Ee Peng. (2017.0). *CIKM '17: Proceedings of the 2017 ACM on Conference on Information and Knowledge Management, Singapore, November 6-10*, (pp. 1279-1288) New York: ACM. <https://doi.org/10.1145/3132847.3132906> (Published)
- Highly efficient mining of overlapping clusters in signed weighted networks, by HOANG, Tuan-Anh; LIM, Ee-Peng. (2017.0). *CIKM '17: Proceedings of the 26th ACM on Conference on Information and Knowledge Management, Singapore, November 6-10*, (pp. 868-878) New York: ACM. <https://doi.org/10.1145/3132847.3133004> (Published)
- Modeling check-in behavior with geographical neighborhood influence of venues, by DOAN, Thanh Nam; LIM, Ee peng. (2017.0). *Advanced data mining and applications: 13th International Conference, ADMA 2017, Singapore, November 5-6, Proceedings*, (pp. 429-444) Cham: Springer. [https://doi.org/10.1007/978-3-319-69179-4\\_30](https://doi.org/10.1007/978-3-319-69179-4_30) (Published)
- Exploiting contextual information for fine-grained tweet geolocation, by CHONG, Wen Haw; LIM, Ee Peng. (2017.0). *Proceedings of the 11th AAAI Conference on Web and Social Media ICWSM 2017: Montreal, Canada, May 15-18*, (pp. 488-491) Menlo Park, CA: AAAI Press. (Published)
- Collective entity linking in tweets over space and time, by CHONG, Wen-Haw; LIM, Ee Peng; COHEN, William. (2017.0). *Advances in Information Retrieval: 39th European Conference on IR Research, ECIR 2017, Aberdeen, UK, April 8-13, Proceedings*, (pp. 82-94) Cham: Springer. [https://doi.org/10.1007/978-3-319-56608-5\\_7](https://doi.org/10.1007/978-3-319-56608-5_7) (Published)
- Now you see it, now you don't! A study of content modification behavior in Facebook, by CHEN, Fuxiang; LIM, Ee Peng. (2017.0). *WWW '17: Companion Proceedings of the 26th International Conference on World Wide Web Companion, Perth, Australia, April 3-7*, (pp. 1515-1520) New York: ACM. <https://doi.org/10.1145/3041021.3054763> (Published)
- On analyzing user topic-specific platform preferences across multiple social media sites, by LEE, Roy Ka-Wei; HOANG, Tuan-Anh; LIM, Ee Peng. (2017.0). *WWW '17: Proceedings of the 26th International Conference on World Wide Web: Perth, Australia, April 3-7*, (pp. 1351-1359) New York: ACM. <https://doi.org/10.1145/3038912.3052614> (Published)
- Streaming classification with emerging new class by class matrix sketching, by MU, Xin; ZHU, Feida; DU,

- Juan; LIM, Ee Peng; ZHOU, Zhi-Hua. (2017.0). *Proceedings of the Thirty-First AAAI Conference on Artificial Intelligence (AAAI-17): San Francisco, CA, February 4-9*, (pp. 2373-2379) Menlo Park, CA: AAAI Press. (Published)
- Crowdsensing and analyzing micro-event tweets for public transportation insights, by HOANG, Thoong; CHER, Pei Hua; PRASEYO, Philips Kokoh; LIM, Ee Peng. (2017.0). *2016 IEEE International Conference on Big Data*, (pp. 2157-2166) Washington: Institute of Electrical and Electronics Engineers Inc. <http://doi.org/10.1109/BigData.2016.7840845> (Published)
- CareerMapper: An automated resume evaluation tool, by LAI, Vivian; SHIM, Kyong Jin; OENTARYO, Richard Jayadi; PRASEYO, Philips Kokoh; VU, Casey; LIM, Ee Peng; LO, David. (2016.0). *BigData 2016: Proceedings of the 4th IEEE International Conference on Big Data: Washington DC, December 5-8*, (pp. 4005-4007) Piscataway, NJ: IEEE. <https://doi.org/10.1109/BigData.2016.7841091> (Published)
- Online adaptive passive-aggressive methods for non-negative matrix factorization and its applications, by LIU, Chenghao; HOI, Steven C.H.; ZHAO, Peilin; SUN, Jianling; LIM, Ee Peng. (2016.0). *CIKM 2016: Proceedings of the 25th ACM International on Conference on Information and Knowledge Management: Indianapolis, October 24-28*, (pp. 1161-1170) New York: ACM. <https://doi.org/10.1145/2983323.2983786> (Published)
- Attractiveness versus competition: Towards a unified model for user visitation, by DOAN, Thanh-Nam; LIM, Ee Peng. (2016.0). *CIKM 2016: Proceedings of the 25th ACM International on Conference on Information and Knowledge Management: Indianapolis, October 24-28*, (pp. 2149-2154) New York: ACM. <https://doi.org/10.1145/2983323.2983657> (Published)
- On profiling bots in social media, by OENTARYO, Richard J.; MURDOPO, Arinto; PRASEYO, Philips K.; LIM, Ee Peng. (2016.0). *Social informatics: 8th International Conference, SocInfo 2016, Bellevue, WA, November 11-14: Proceedings*, (pp. 92-109) Cham: Springer. [https://doi.org/10.1007/978-3-319-47880-7\\_6](https://doi.org/10.1007/978-3-319-47880-7_6) (Published)
- When a friend online is more than a friend in life: Intimate relationship prediction in microblogs, by LAN, Yunshi; ZHANG, Mengqi; ZHU, Feida; JIANG, Jing; LIM, Ee Peng. (2016.0). *Web Technologies and Applications: 18th Asia-Pacific Web Conference APWeb 2016, Suzhou, China, September 23-25: Proceedings*, (pp. 196-207) Cham: Springer. [https://doi.org/10.1007/978-3-319-45814-4\\_16](https://doi.org/10.1007/978-3-319-45814-4_16) (Published)
- User identity linkage by latent user space modelling, by MU, Xin; ZHU, Feida; LIM, Ee Peng; XIAO, Jing; WANG, Jianzong; ZHOU, Zhi-Hua. (2016.0). *KDD '16: Proceedings of the 22nd ACM SIGKDD International Conference on Knowledge Discovery and Data Mining: San Francisco, August 13-17*, (pp. 1775-1784) New York: ACM. <https://doi.org/10.1145/2939672.2939849> (Published)
- Where is the goldmine? Finding promising business locations through Facebook data analytics, by LIN, Jovian; OENTARYO, Richard Jayadi; LIM, Ee Peng; VU, Casey; VU, Adrian; KWEE, Agus Trisnajaya. (2016.0). *HT '16: Proceedings of the 27th ACM Conference on Hypertext and Social Media: Halifax, Canada, July 10-13*, (pp. 93-102) New York: ACM. <https://doi.org/10.1145/2914586.2914588> (Published)
- The retransmission of rumor-related tweets: Characteristics of source and message, by CHUA, Alton Y. K.; TEE, Cheng-Ying; PANG, Augustine; LIM, Ee-Peng. (2016.0). *Proceedings of the 7th International Conference on Social media and Society, London, Britain, 2016 July 11-13*, London, Britain: <https://doi.org/10.1145/2930971.2930994> (Published)
- Collective rumor correction on the death hoax of a political figure in social media, by CHUA, Alton Y. K.; CHEAH, Sin-Mei; GOH, Dion Hoe-Lian; LIM, Ee Peng. (2016.0). *PACIS 2016: Proceedings of 20th Pacific Asia Conference on Information Systems: June 27 - July 1, Chiayi, Taiwan*, (pp. 1-16) Atlanta: AIS. <https://aisel.aisnet.org/pacis2016/178/> (Published)
- SLR: A scalable latent role model for attribute completion and tie prediction in social networks, by LIAO, Lizi; HO, Qirong; JIANG, Jing; LIM, Ee Peng. (2016.0). *2016 IEEE 32nd International Conference on Data Engineering (ICDE)*, (pp. 1062-1073) Helsinki: IEEE. <https://doi.org/10.1109/ICDE.2016.7498313> (Published)
- On unravelling opinions of issue specific-silent users in social media, by GONG, Wei; LIM, Ee Peng; ZHU, Feida; CHER, Pei Hua. (2016.0). *Proceedings of the Tenth International AAAI Conference on Web and Social Media ICWSM 2016: Cologne, Germany, May 17-20*, (pp. 141-150) Palo Alto, CA: AAAI. (Published)
- A business zone recommender system based on Facebook and urban planning data, by LIN, Jovian; OENTARYO, Richard Jayadi; LIM, Ee Peng; VU, Casey; VU, Adrian Wei Liang; KWEE, Agus; PRASEYO, Philips Kokoh. (2016.0). *European Conference on Information Retrieval 38th ECIR 2016, March 20-23, Padua*:



*Proceedings*, (pp. 641-647) Germany: Springer. [http://doi.org/10.1007/978-3-319-30671-1\\_47](http://doi.org/10.1007/978-3-319-30671-1_47) (Published)

Tracking virality and susceptibility in social media, by HOANG, Tuan-Anh; LIM, Ee-Peng. (2016.0). *CIKM 2016: Proceedings of the 25th ACM International on Conference on Information and Knowledge Management: Indianapolis, October 24-28, 2016*, (pp. 1059-1068) New York: ACM. <http://doi.org/10.1145/2983323.2983800> (Published)

Friendship maintenance and prediction in multiple social networks, by LEE, Ka-Wei Roy; LIM, Ee Peng. (2016.0). *HT'16: Proceedings of the 27th ACM Conference on Hypertext and Social Media: July 10-13, Halifax, Nova Scotia, Canada*, (pp. 83-92) New York: ACM. <https://doi.org/10.1145/2914586.2914593> (Published)

Investigating the influence of offline friendship on Twitter networking behaviors, by KIM, Young Soo; NATALI, Felicia; ZHU, Feida; LIM, Ee Peng. (2016.0). *Proceedings of the 2016 Hawaii International Conference on System Sciences, Kauai, January 5-9*, (pp. 736-745) Los Alamitos, CA: IEEE Computer Society. <https://doi.org/10.1109/HICSS.2016.97> (Published)

On analyzing geotagged tweets for location-based patterns, by PRASETYO, Philips Kokoh; PALAKORN, Achananuparp; LIM, Ee Peng. (2016.0). *ICDCN '16: Proceedings on 17th International Conference on Distributed Computing and Networking: Singapore, January 2-7*, (pp. 1-6) New York: ACM. <https://doi.org/10.1145/2833312.2849571> (Published)

A study on Singapore haze, by DAI, Bing Tian; JAYARAJAH, Kasthuri; LIM, Ee Peng; MISRA, Archan; NAYAK, Shriguru. (2016.0). *ICDN '16: Proceedings of 17th International Conference on Distributed Computing and Networking, Singapore, January 4-7*, (pp. 44-1-4) New York: ACM. <https://doi.org/10.1145/2833312.2849569> (Published)

Posting topics  $\neq$  reading topics: On discovering posting and reading topics in social media, by GONG, Wei; LIM, Ee Peng; ZHU, Feida. (2016.0). *Advances in Network Science: 12th International Conference and School, NetSci-X 2016, Wroclaw, Poland, January 11-13, 2016, Proceedings*, (pp. 14-18) Cham: Springer Verlag. [http://doi.org/10.1007/978-3-319-28361-6\\_2](http://doi.org/10.1007/978-3-319-28361-6_2) (Published)

Using online controlled experiments to examine authority effects on user behavior in email campaigns, by LIM Kwan Hui; LIM, Ee Peng; JIANG, Binyan; ACHANANUPARP, Palakorn. (2016.0). *27th ACM Conference on Hypertext and Social Media: HT 2016, Halifax, Canada; 2016 July 10-13*, (pp. 255-260) NEW YORK: ASSOC COMPUTING MACHINERY. <http://doi.org/10.1145/2914586.2914619> (Published)

Aesthetic experience and acceptance of Human Computation Games, by WANG, Xiaohui; GOH, Dion Hoe-Lian; LIM, Ee Peng; VU, Adrian Wei Liang. (2015.0). *Digital Libraries: Providing Quality Information: 17th International Conference on Asia-Pacific Digital Libraries, ICADL 2015, Seoul, Korea, December 9-12, 2015: Proceedings*, (pp. 264-273) Cham: Springer Verlag. [http://doi.org/10.1007/978-3-319-27974-9\\_28](http://doi.org/10.1007/978-3-319-27974-9_28) (Published)

On neighborhood effects in location-based social networks, by DOAN, Thanh-Nam; CHUA, Freddy Chong-Tat; LIM, Ee Peng. (2015.0). *2015 IEEE / WIC / ACM International Conference on Web Intelligence and Intelligent Agent Technology (WI-IAT): Proceedings, Singapore, December 6-9*, (pp. 477-484) Piscataway, NJ: IEEE. <https://doi.org/10.1109/WI-IAT.2015.155> (Published)

Preface: WI 2015, by TAN, Ah-Hwee; LI, Yuefeng; LIM, Ee-Peng; ZHANG, Jie; ZHANG, Dell; VASSILEVA, Julita. (2015.0). *Proceedings of 2015 IEEE/WIC/ACM International Conference on Web Intelligence and Intelligent Agent Technology (WI-IAT), Singapore, December 6-9*, (pp. 12-13) Singapore: IEEE. <https://doi.org/10.1109/WI-IAT.2015.3> (Published)

CNL: Collective Network Linkage across heterogeneous social platforms, by GAO, Ming; LIM, Ee Peng; LO, David; ZHU, Feida; PRASETYO, Philips Kokoh; ZHOU, Aoying. (2015.0). *IEEE International Conference on Data Mining ICDM 2015: November 14-17, 2015, Atlantic City: Proceedings*, (pp. 757-762) Piscataway, NJ: IEEE. <http://doi.org/10.1109/ICDM.2015.34> (Published)

Where are the passengers? A Grid-based Gaussian Mixture Model for taxi bookings, by CHIANG, Meng-Fen; HOANG, Tuan-Anh; LIM, Ee Peng. (2015.0). *SIGSPATIAL '15: Proceedings of the 23rd ACM SIGSPATIAL International Conference on Advances in Geographic Information Systems: November 3-6, Seattle, WA*, (pp. 32:1-10) New York: ACM. <https://doi.org/10.1145/2820783.2820807> (Published)

Not all trips are equal: Analyzing Foursquare check-ins of trips and city visitors, by CHONG, Wen-Haw; DAI, Bing Tian; LIM, Ee Peng. (2015.0). *COSN '15: Proceedings of the 2015 ACM on Conference on Online Social Networks: November 2-3, Stanford, CA*, (pp. 173-184) New York: ACM.

<https://doi.org/10.1145/2817946.2817958> (Published)

Latent factors meet homophily in diffusion modelling, by LUU, Duc Minh; LIM, Ee Peng. (2015.0). *Machine Learning and Knowledge Discovery in Databases: European Conference, ECML PKDD 2015, Porto, Portugal, September 7-11, 2015, Proceedings, Part II*, (pp. 701-718) Cham: Springer Verlag. [http://doi.org/10.1007/978-3-319-23525-7\\_43](http://doi.org/10.1007/978-3-319-23525-7_43) (Published)

Did you expect your users to say this?: Distilling unexpected micro-reviews for venue owners, by CHONG, Wen-Haw; DAI, Bing Tian; LIM, Ee Peng. (2015.0). *HT '15: Proceedings of the 26th ACM Conference on Hypertext and Social Media: Guzelyurt, Northern Cyprus, September 1-4*, (pp. 13-22) New York: ACM. <https://doi.org/10.1145/2700171.2791024> (Published)

On mining lifestyles from user trip data, by CHIANG, Meng-Fen; LIM, Ee Peng; LOW, Jia-Wei. (2015.0). *ASONAM '15: Proceedings of the 2015 IEEE/ACM International Conference on Advances in Social Networks Analysis and Mining 2015: August 25-28, Paris*, (pp. 145-152) New York: ACM. <http://doi.org/10.1145/2808797.2808906> (Published)

Event detection: Exploiting socio-physical interactions in physical spaces, by JAYARAJAH, Kasthuri; MISRA, Archan; RUAN, Xiao-Wen; LIM, Ee Peng. (2015.0). *ASONAM '15: Proceedings of the 2015 IEEE/ACM International Conference on Advances in Social Networks Analysis and Mining 2015: August 25-28, Paris*, (pp. 508-513) Paris: ACM. <http://doi.org/10.1145/2808797.2809387> (Published)

Characterizing silent users in social media communities, by GONG, Wei; LIM, Ee Peng; ZHU, Feida. (2015.0). *Proceedings of the Ninth International AAI Conference on Web and Social Media: May 26-29, 2015, Oxford*, (pp. 140-149) Palo Alto, CA: AAI Press. (Published)

Exploring discriminative features for anomaly detection in public spaces, by NAYAK, Shriguru; MISRA, Archan; JAYARAJAH, Kasthuri; PRASETYO, Philips Kokoh; LIM, Ee Peng. (2015.0). *Proceedings of SPIE: Ground/Air Multisensor Interoperability, Integration, and Networking for Persistent ISR VI: 20-22 April 2015, Baltimore*, (pp. 1-10) Bellingham, WA: SPIE. <https://doi.org/10.1117/12.2184316> (Published)

Mining business competitiveness from user visitation data, by DAON, Thanh-Nam; CHUA, Freddy Chong Tat; LIM, Ee Peng. (2015.0). *Social Computing, Behavioral-Cultural Modeling, and Prediction: 8th International Conference, SBP 2015, Washington, DC, USA, March 31-April 3, 2015: Proceedings*, (pp. 283-289) Cham: Springer Verlag. [http://doi.org/10.1007/978-3-319-16268-3\\_31](http://doi.org/10.1007/978-3-319-16268-3_31) (Published)

Measuring user influence, susceptibility and cynicalness in sentiment diffusion, by LEE, Ka-Wei Roy; LIM, Ee Peng. (2015.0). *Advances in Information Retrieval: 37th European Conference on IR Research, ECIR 2015, Vienna, Austria, March 29 - April 2: Proceedings*, (pp. 411-422) Cham: Springer. [https://doi.org/10.1007/978-3-319-16354-3\\_45](https://doi.org/10.1007/978-3-319-16354-3_45) (Published)

Prediction of venues in foursquare using flipped topic models, by CHONG, Wen Haw; DAI, Bing Tian; LIM, Ee Peng. (2015.0). *Advances in Information Retrieval: 37th European Conference on IR Research, ECIR 2015, Vienna, Austria, March 29 - April 2, 2015: Proceedings*, (pp. 623-634) Cham: Springer Verlag. [http://doi.org/10.1007/978-3-319-16354-3\\_69](http://doi.org/10.1007/978-3-319-16354-3_69) (Published)

Chalk and cheese in Twitter: Discriminating personal and organization accounts, by OENTARYO, Richard Jayadi; LOW, Jia-Wei; LIM, Ee Peng. (2015.0). *Advances in Information Retrieval: 37th European Conference on IR Research, ECIR 2015, Vienna, Austria, March 29 - April 2, 2015: Proceedings*, (pp. 465-476) Cham: Springer Verlag. [http://doi.org/10.1007/978-3-319-16354-3\\_51](http://doi.org/10.1007/978-3-319-16354-3_51) (Published)

Are features equally representative? A feature-centric recommendation, by ZHANG, Chenyi; WANG, Ke; LIM, Ee Peng; XU, Qinneng; SUN, Jianling; YU, Hongkun. (2015.0). *Proceedings of the Twenty-Ninth AAI Conference on Artificial Intelligence: January 25-30, Austin, Texas*, (pp. 389-395) Palo Alto, CA: AAI Press. (Published)

Detecting flow anomalies in distributed systems, by CHUA, Freddy Chong-Tat; LIM, Ee Peng; HUBERMAN, Bernardo. (2014.0). *2014 IEEE International Conference on Data Mining (ICDM): 14-17 December, Shenzhen, China: Proceedings*, (pp. 100-109) Piscataway, NJ: IEEE. <http://doi.org/10.1109/ICDM.2014.94> (Published)

On joint modeling of Topical Communities and Personal Interest in microblogs, by HOANG, Tuan-Anh; LIM, Ee Peng. (2014.0). *Social Informatics: 6th International Conference, SocInfo 2014, Barcelona, Spain, November 11-13, 2014. Proceedings*, (pp. 1-16) Cham: Springer Verlag. [http://doi.org/10.1007/978-3-319-13734-6\\_1](http://doi.org/10.1007/978-3-319-13734-6_1) (Published)

Player acceptance of Human Computation Games: An aesthetic perspective, by WANG, Xiaohui; GOH, Dion Hoe Lian; LIM, Ee Peng; VU, Adrian Wei Liang. (2014.0). *The Emergence of Digital Libraries: Research and Practices: 16th International Conference on Asia-Pacific Digital Libraries, ICADL 2014, Chiang Mai, Thailand, November 5-7, 2014: Proceedings*, (pp. 233-242) Cham: Springer Verlag. [http://doi.org/10.1007/978-3-319-12823-8\\_24](http://doi.org/10.1007/978-3-319-12823-8_24) (Published)

A study of age gaps between online friends, by LIAO, Lizi; JIANG, Jing; LIM, Ee Peng; HUANG, Heyan. (2014.0). *HT'14: Proceedings of the 25th ACM Conference on Hypertext and Social Media: September 1-4, 2014, Santiago, Chile*, (pp. 98-106) New York: ACM. <http://doi.org/10.1145/2631775.2631800> (Published)

Lifetime lexical variation in social media, by LIAO, Lizi; JIANG, Jing; DING, Ying; HUANG, Heyan; LIM, Ee Peng. (2014.0). *Proceedings of the Twenty-Eighth AAAI Conference on Artificial Intelligence: 27-31 July 2014, Québec*, (pp. 1643-1649) Palo Alto, CA: AAAI Press. <http://www.aaai.org/ocs/index.php/AAAI/AAAI14/paper/view/8381> (Published)

Lifetime lexical variation in social media, by LIAO, Lizi; JIANG, Jing; DING, Ying; HUANG, Heyan; LIM, Ee-Peng. (2014.0). *Proceedings of the 28th AAAI Conference on Artificial Intelligence, Québec, Canada, 2014 July 27 - 31*, (pp. 1643-1649) Palo Alto, California, U.S.: AAAI Press. <https://www.aaai.org/Conferences/AAAI/aaai14.php> (Published)

On predicting religion labels in microblogging networks, by NGUYEN, Minh Thap; LIM, Ee Peng. (2014.0). *SIGIR '14: Proceedings of the 37th International ACM SIGIR Conference on Research and Development in Information Retrieval: July 6-11, Gold Coast*, (pp. 1211-1214) New York: ACM. <https://doi.org/10.1145/2600428.2609547> (Published)

On modeling brand preferences in item adoptions, by LUU, Minh Duc; LIM, Ee Peng; CHUA, Freddy Chong-Tat. (2014.0). *Proceedings of the Eight International Conference on Weblog and Social Media: 1-4 June 2014, Ann Arbor, MI*, (pp. 325-334) Palo Alto, CA: AAAI Press. <http://www.aaai.org/ocs/index.php/ICWSM/ICWSM14/paper/view/8082> (Published)

Socio-physical analytics: Challenges & opportunities, by MISRA, Archan; JAYARAJAH, Kasthuri; NAYAK, Shriguru; PRASETYO, Philips Kokoh; LIM, Ee Peng. (2014.0). *WPA '14: Proceedings of the 2014 Workshop on Physical Analytics, Bretton Woods, New Hampshire, June 16*, (pp. 19-24) New York: ACM. <https://doi.org/10.1145/2611264.2611265> (Published)

On finding the point where there is no return: Turning point mining on game data, by GONG, Wei; LIM, Ee Peng; ZHU, Feida; ACHANANUPARP, Palakorn; LO, David. (2014.0). *Proceedings of the 2014 SIAM International Conference on Data Mining: April 24-26, Philadelphia, PA*, (pp. 956-964) Philadelphia, PA: SIAM. <https://doi.org/10.1137/1.9781611973440.109> (Published)

On modeling community behaviors and sentiments in microblogging, by HOANG, Tuan Anh; COHEN, William; LIM, Ee Peng. (2014.0). *Proceedings of the 2014 SIAM International Conference on Data Mining: April 24-26, Philadelphia, PA*, (pp. 479-487) Philadelphia, PA: SIAM. <http://doi.org/10.1137/1.9781611973440.55> (Published)

LASER: A living analytics experimentation system for large-scale online controlled experiments, by LIM, Kwan Hui; LIM, Ee Peng; PALAKORN, Achananuparp; VU, Adrian; KWEE, Agus Trisnajaya; ZHU, Feida. (2014.0). *WWW '14: Proceedings of the 23rd International Conference on World Wide Web: April 7-11, 2014, Seoul, Korea*, (pp. 71-74) New York: ACM. <https://doi.org/10.1145/2567948.2577008> (Published)

Do you know the speaker? An online experiment with authority messages on event websites, by LIM, Kwan-Hui; JIANG, Binyan; LIM, Ee Peng; PALAKORN, Achananuparp. (2014.0). *WWW '14: Companion Proceedings of the 23rd International Conference on World Wide Web: April 7-11, 2014, Seoul, Korea*, (pp. 1247-1252) Geneva: International World Wide Web Conferences Steering Committee. <http://doi.org/10.1145/2567948.2580068> (Published)

Latent factor transition for dynamic collaborative filtering, by ZHANG, Chengyi; WANG, Ke; YU, Hongkun; SUN, Jianling; LIM, Ee Peng. (2014.0). *Proceedings of the 2014 SIAM International Conference on Data Mining, Philadelphia*: (Published)

Predicting response in mobile advertising with Hierarchical Importance-Aware Factorization Machine, by OENTARYO, Richard Jayadi; LIM, Ee Peng; LOW, Jia Wei; LO, David; FINEGOLD, Michael. (2014.0). *WSDM'14: Proceedings of the 7th ACM International Conference on Web Search and Data Mining, February 24-28, 2014, New York*, (pp. 123-132) New York: ACM. <http://doi.org/10.1145/2556195.2556240> (Published)

Modeling temporal adoptions using dynamic matrix factorization, by CHUA, Freddy Chong-Tat;

- OENTARYO, Richard Jayadi; LIM, Ee Peng. (2013.0). *IEEE 13th International Conference on Data Mining: ICDM 2013: Proceedings, 7-10 December 2013, Dallas, Texas*, (pp. 91-100) Los Alamitos, CA: IEEE Computer Society. <http://doi.ieeecomputersociety.org/10.1109/ICDM.2013.25> (Published)
- TopicSketch: Real-time bursty topic detection from Twitter, by XIE, Wei; ZHU, Feida; JIANG, Jing; LIM, Ee Peng; WANG, Ke. (2013.0). *IEEE 13th International Conference on Data Mining ICDM 2013: 7-10 Dec 2013, Dallas, Texas: Proceedings*, (pp. 837-846) Piscataway, NJ: IEEE. <http://doi.org/10.1109/ICDM.2013.86> (Published)
- Information vs interaction: An alternative user ranking model for social networks, by XIE, Wei; HOANG, Ai Phuong; ZHU, Feida; LIM, Ee Peng. (2013.0). *Social Informatics: 5th International Conference, SocInfo 2013, Kyoto, Japan, November 25-27, 2013: Proceedings*, (pp. 227-240) Cham: Springer Verlag. [http://doi.org/10.1007/978-3-319-03260-3\\_20](http://doi.org/10.1007/978-3-319-03260-3_20) (Published)
- Social listening for customer acquisition, by DU, Juan; TAN, Biying; ZHU, Feida; LIM, Ee Peng. (2013.0). *Social informatics: 5th international conference, SocInfo 2013, Kyoto, Japan, November 25-27: Proceedings*, (pp. 75-80) Cham: Springer Verlag. [https://doi.org/10.1007/978-3-319-03260-3\\_7](https://doi.org/10.1007/978-3-319-03260-3_7) (Published)
- Social sensing for urban crisis management: The case of Singapore Haze, by PRASETYO, Philips Kokoh; GAO, Ming; LIM, Ee Peng; SCOLLON, Christie Kaye. (2013.0). *Social Informatics: 5th International Conference, SocInfo 2013, Kyoto, Japan, November 25-27, 2013: Proceedings*, (pp. 478-491) Cham: Springer Verlag. [http://doi.org/10.1007/978-3-319-03260-3\\_41](http://doi.org/10.1007/978-3-319-03260-3_41) (Published)
- Predicting best answerers for new questions: An approach leveraging topic modeling and collaborative voting, by TIAN, Yuan; KOCHHAR, Pavneet Singh; LIM, Ee Peng; ZHU, Feida; LO, David. (2014.0). *Social Informatics: SocInfo 2013 International Workshops, QMC and HISTOINFORMATICS: Kyoto, Japan, November 25, 2013, Revised selected papers*, (pp. 55-68) Cham: Springer Verlag. [http://doi.org/10.1007/978-3-642-55285-4\\_5](http://doi.org/10.1007/978-3-642-55285-4_5) (Published)
- Politics, sharing and emotion in microblogs, by HOANG, Tuan-Anh; COHEN, William; LIM, Ee Peng; PIERCE, Doug; REDLAWSK, David. (2013.0). *Proceedings of the 2013 IEEE/ACM International Conference on Advances in Social Networks Analysis and Mining: ASONAM 2013: Niagara Falls, 25-28 August 2013*, (pp. 282-289) New York: ACM. <http://doi.org/10.1145/2492517.2492554> (Published)
- DelayFlow centrality for identifying critical nodes in transportation networks, by CHENG, Yew-Yih; LEE, Roy Ka-Wei; LIM, Ee Peng; ZHU, Feida. (2013.0). *ASONAM '13: Proceedings of the 2013 IEEE/ACM International Conference on Advances in Social Networks Analysis and Mining: Niagara Falls, Canada, August 25-28, 2013*, (pp. 1462-1463) New York: ACM. <http://doi.org/10.1145/2492517.2492595> (Published)
- Reviving dormant ties in an online social network experiment, by LIM, Ee Peng; CORREA, Denzil; LO, David; FINEGOLD, Michael; ZHU, Feida. (2013.0). *Proceedings of the Seventh International AAAI Conference on Weblogs and Social Media, ICWSW-13, Cambridge, MA, July 8-11, 2013*, (pp. 361-369) Palo Alto, CA: AAAI Press. (Published)
- Retweeting: An act of viral users, susceptible users, or viral topics?, by HOANG, Tuan-Anh; LIM, Ee Peng. (2013.0). *Proceedings of the 2013 SIAM International Conference on Data Mining: May 2-4, Austin, Texas*, (pp. 569-577) Philadelphia, PA: SIAM. <http://doi.org/10.1137/1.9781611972832.63> (Published)
- R-energy for evaluating robustness of dynamic networks, by GAO, Ming; LIM, Ee Peng; LO, David. (2013.0). *WebSci '13: Proceedings of the 5th Annual ACM Web Science Conference, May 2-4, Paris*, (pp. 89-98) New York: ACM. <http://doi.org/10.1145/2464464.2464486> (Published)
- Dynamic label propagation in social networks, by DU, Juan; ZHU, Feida; LIM, Ee Peng. (2013.0). *Database Systems for Advanced Applications: 18th International Conference, DASFAA 2013, Wuhan, China, April 22-25, 2013. Proceedings, Part II*, (pp. 194-209) Cham: Springer Verlag. [http://doi.org/10.1007/978-3-642-37450-0\\_14](http://doi.org/10.1007/978-3-642-37450-0_14) (Published)
- Twicube: A real-time Twitter online community analysis tool, by DU, Juan; XIE, Wei; LI, Cheng; ZHU, Feida; LIM, Ee Peng. (2013.0). *Database Systems for Advanced Applications: 18th International Conference, DASFAA 2013, Wuhan, China, April 22-25, 2013. Proceedings, Part II*, (pp. 458-462) Berlin Heidelberg: Springer Verlag. [http://doi.org/10.1007/978-3-642-37450-0\\_36](http://doi.org/10.1007/978-3-642-37450-0_36) (Published)
- ViStruclizer: A structural visualizer for multi-dimensional social networks, by DAI, Bingtian; KWEE, Agus Trisnajaya; LIM, Ee-Peng. (2013.0). *Advances in Knowledge Discovery and Data Mining: 17th Pacific-Asia Conference, PAKDD 2013, Gold Coast, Australia, April 14-17, 2013, Proceedings, Part II*, (pp. 49-60) Berlin Heidelberg: Springer Verlag. [https://doi.org/10.1007/978-3-642-37456-2\\_5](https://doi.org/10.1007/978-3-642-37456-2_5) (Published)

- Predicting project outcome leveraging socio-technical network patterns, by SURIAN, Didi; TIAN, Yuan; LO, David; CHENG, Hong; LIM, Ee Peng. (2013.0). *CSMR 2013: Proceedings of the 2013 17th European Conference on Software Maintenance and Reengineering: 5-8 March 2013, Genova, Italy*, (pp. 47-56) Los Alamitos, CA: IEEE Computer Society. <http://doi.ieeecomputersociety.org/10.1109/CSMR.2013.15> (Published)
- K-Pop live: Social networking & language learning platform, by CHUA, Thomas, ONG, Chin Leng, PNG, Kian Ming, LAU, Aloysius, TOH, Houston, ZHU, Feida, SHIM, Kyong Jin, LIM, Ee-Peng. (2013.0). *Proceedings of iConference 2013, Fort Worth, Texas, February 12-15*, (pp. 1081-1085) Fort Worth, TX: <https://doi.org/10.9776/13523> (Published)
- Community-based classification of noun phrases in Twitter, by CHUA, Freddy Chong Tat; COHEN, William W.; BETTERRIDGE, Justin; LIM, Ee Peng. (2012.0). *CIKM '12 Proceedings of the 21st ACM international conference on Information and knowledge management*, (pp. 1702-1706) New York, USA: ACM. <http://doi.org/10.1145/2396761.2398501> (Published)
- Detecting anomalies in bipartite graphs with mutual dependency principles, by DAI, Hanbo; ZHU, Feida; LIM, Ee Peng; PANG, Hwee Hwa. (2012.0). *2012 IEEE 12th International Conference on Data Mining: ICDM 2012: Brussels, Belgium, 10-13 December*, (pp. 171-180) Los Alamitos, CA: IEEE Computer Society. <https://doi.ieeecomputersociety.org/10.1109/ICDM.2012.167> (Published)
- On recommending hashtags in Twitter networks, by KYWE, Su Mon; HOANG, Tuan-Anh; LIM, Ee Peng; ZHU, Feida. (2012.0). *Social Informatics: 4th International Conference, SocInfo 2012, Lausanne, Switzerland, December 5-7: Proceedings*, (pp. 337-350) Cham: Springer. [https://doi.org/10.1007/978-3-642-35386-4\\_25](https://doi.org/10.1007/978-3-642-35386-4_25) (Published)
- A survey of recommender systems in Twitter, by KYWE, Su Mon; LIM, Ee Peng; ZHU, Feida. (2012.0). *Social Informatics: 4th International Conference, SocInfo 2012, Lausanne, Switzerland, December 5-7: Proceedings*, (pp. 420-433) Cham: Springer. [https://doi.org/10.1007/978-3-642-35386-4\\_31](https://doi.org/10.1007/978-3-642-35386-4_31) (Published)
- Mining coherent anomaly collections on web data, by DAI, Hanbo; ZHU, Feida; LIM, Ee Peng; PANG, Hwee Hwa. (2012.0). *CIKM '12: Proceedings of the 21st ACM International Conference on Information and Knowledge Management: Maui, Hawaii, October 29 - November 2*, (pp. 1557-1561) New York: ACM. <https://doi.org/10.1145/2396761.2398472> (Published)
- Automatic classification of software related microblogs, by PRASETYO, Philips Kokoh; LO, David; PALAKORN, Achananuparp; TIAN, Yuan; LIM, Ee Peng. (2012.0). *ICSM 2012: proceedings of the 28th IEEE International Conference on Software Maintenance: Riva Del Garda, Trento, Italy, 23-28 September 2012*, (pp. 569-599) Piscataway, NJ: IEEE. <http://doi.org/10.1109/ICSM.2012.6405330> (Published)
- In-game action list segmentation and labeling in real-time strategy games, by GONG, Wei; LIM, Ee Peng; ACHANANUPARP, Palakorn; ZHU, Feida; LO, David; CHUA, Freddy Chong-Tat. (2012.0). *2012 IEEE Conference on Computational Intelligence and Games CIG : 11-14 September 2012, Granada, Spain: Proceedings*, (pp. 147-154) Piscataway, NJ: IEEE. <http://doi.org/10.1109/CIG.2012.6374150> (Published)
- Observatory of trends in software related microblogs, by PALAKORN, Achananuparp; IBRAHIM, Nelman Lubis; TIAN, Yuan; LO, David; LIM, Ee Peng. (2012.0). *27th IEEE/ACM International Conference on Automated Software Engineering (ASE): proceedings, September 3-7, 2012, Essen, Germany*, (pp. 334-337) New York: ACM. <http://doi.org/10.1145/2351676.2351740> (Published)
- Collective churn prediction in social network, by OENTARYO, Richard Jayadi; LIM, Ee Peng; LO, David; ZHU, Feida; PRASETYO, Philips Kokoh. (2012.0). *Proceedings of the 2012 IEEE/ACM International Conference on Advances in Social Networks Analysis and Mining: 26-29 August 2012, Istanbul, Turkey*, (pp. 210-214) Piscataway, NJ: IEEE. <http://doi.org/10.1109/ASONAM.2012.44> (Published)
- Link prediction for bipartite social networks: The role of structural holes, by XIA, Shuang; DAI, Bing Tian; LIM, Ee Peng; ZHANG, Yong; XING, Chunxiao. (2012.0). *Advances in Social Networks Analysis and Mining (ASONAM 2012), Istanbul, Turkey, 2012, August 26-29*, Los Alamitos, Calif: IEEE Computer Society. [http://www.worldcat.org/title/proceedings-of-the-2012-ieeeacm-international-conference-on-advances-in-social-networks-analysis-and-mining-26-29-august-2012-istanbul-turkey/oclc/839274524&referer=brief\\_results](http://www.worldcat.org/title/proceedings-of-the-2012-ieeeacm-international-conference-on-advances-in-social-networks-analysis-and-mining-26-29-august-2012-istanbul-turkey/oclc/839274524&referer=brief_results) (Published)
- Follow Link Seeking Strategy: A pattern based approach, by KWEE, Agus Trisnajaya; LIM, Ee Peng; PALAKORN, Achananuparp; ZHU, Feida. (2012.0). *6th ACM workshop on Social Network Mining and Analysis (SNAKDD' 12)*, Beijing, China: <http://snakdd.com/SNAKDD2012-proceeding/doc/a3-kwee.pdf>

(Published)

Finding bursty topics from microblogs, by DIAO, Qiming; JIANG, Jing; ZHU, Feida; LIM, Ee Peng. (2012.0). *Proceedings of the 50th Annual Meeting of the Association for Computational Linguistics: Jeju Island, Republic of Korea, 8-14 July 2012*, (pp. 536-544) Stroudsburg, PA: ACL. <http://www.aclweb.org/anthology/P12-1056> (Published)

Detecting anomalous Twitter users by extreme group behaviors, by DAI, Hanbo; LIM, Ee Peng; ZHU, Feida; PANG, Hwee Hwa. (2012.0). *Proceedings of the ACM International Conference on Net Science (NetSci)*, Chicago, Illinois: (Published)

Topic discovery from tweet replies, by DAI, Bingtian; LIM, Ee Peng; PRASETYO, Philips Kokoh. (2012.0). *Proceedings of the Workshop on Mining and Learning with Graphs (MLG-2012)*, Edinburgh, Scotland, (pp. 1-8) Edinburgh: Katholieke Universiteit Leuven. [https://dtai.cs.kuleuven.be/events/mlg2012/papers/6\\_Topic\\_Dai.pdf](https://dtai.cs.kuleuven.be/events/mlg2012/papers/6_Topic_Dai.pdf) (Published)

When a friend in Twitter is a friend in life, by XIE, Wei; LI, Cheng; ZHU, Feida; LIM, Ee Peng; GONG, Xueqing. (2012.0). *WebSci '12 : proceedings of the 3rd annual ACM Web Science Conference, 2012, Evanston, IL, USA*, (pp. 344-347) New York, NY, USA: ACM. <https://doi.org/10.1145/2380718.2380763> (Published)

Virality and susceptibility in information diffusions, by HOANG, Tuan-Anh; LIM, Ee Peng. (2012.0). *Proceedings of the 6th International AAAI Conference on Weblogs and Social Media: 4-7 June 2012, Dublin, Ireland*, (pp. 146-153) Palo Alto, CA: AAAI Press. (Published)

Modeling diffusion in social networks using network properties, by LUU, Duc Minh; LIM, Ee Peng; HOANG, Tuan Anh; CHUA, Chong Tat Freddy. (2012.0). *Proceedings of the 6th International AAAI Conference on Weblogs and Social Media, 4-7 June 2012, Dublin, Ireland*, (pp. 218-225) Palo Alto, CA: AAAI Press. (Published)

What does software engineering community microblog about?, by TIAN, Yuan; ACHANANUPARP, Palakorn; LUBIS, Ibrahim Nelman; LO, David; LIM, Ee Peng. (2012.0). *IEEE Working Conference on Mining Software Repositories 9th MSR 2012: 2-3 June 2012, Zurich, Switzerland: Proceedings*, (pp. 247-250) Piscataway, NJ: IEEE. <http://doi.org/10.1109/MSR.2012.6224287> (Published)

Structural analysis in multi-relational social networks, by DAI, Bing Tian; CHUA, Freddy Chong Tat; LIM, Ee Peng. (2012.0). *Proceedings of the 2012 SIAM International Conference on Data Mining; California, USA, 2012 April 26-28*, (pp. 451-462) Philadelphia, Pennsylvania: Society for Industrial and Applied Mathematics. <http://doi.org/10.1137/1.9781611972825.39> (Published)

Mining social dependencies in dynamic interaction networks, by CHUA, Freddy Chong-Tat; LAUW, Hady W.; LIM, Ee Peng. (2012.0). *12th SIAM International Conference on Data Mining 2012: Anaheim, CA, 26-28 April: Proceedings*, (pp. 720-731) Philadelphia, PA: SIAM. <https://doi.org/10.1137/1.9781611972825.62> (Published)

Detecting extreme rank anomalous collections, by DAI, Hanbo; ZHU, Feida; LIM, Ee Peng; PANG, Hwee Hwa. (2012.0). *12th SIAM International Conference on Data Mining 2012: Anaheim, California, 26-28 April*, (pp. 883-894) Philadelphia, PA: SIAM. <https://doi.org/10.1137/1.9781611972825.76> (Published)

Tweets and votes: A study of the 2011 Singapore General Election, by SKORIC, Marko M.; POOR, Nathaniel D.; ACHANANUPARP, Palakorn; LIM, Ee Peng; JIANG, Jing. (2012.0). *Hawaii International Conference on System Sciences, 45 : (HICSS) ; January 4 - 7, 2012, Grand Wailea, Maui, Hawaii*, (pp. 2583-2591) Maui, HI: IEEE. <http://doi.org/10.1109/HICSS.2012.607> (Published)

Mining direct antagonistic communities in explicit trust networks, by LO, David; SURIAN, Didi; KUAN, Zhang; LIM, Ee Peng. (2011.0). *CIKM '11: Proceedings of the 20th ACM International Conference on Information and Knowledge Management, Glasgow, Scotland, 24-28 October*, (pp. 1013-1018) New York: ACM. <https://doi.org/10.1145/2063576.2063722> (Published)

Recommending people in developers' collaboration network, by SURIAN, Didi; LIU, Nian; LO, David; TONG, Hanghang; LIM, Ee Peng; FALOUTSOS, Christos. (2011.0). *18th Working Conference on Reverse Engineering (WCRE 2011): Limerick, Ireland, 17-20 October: Proceedings*, (pp. 379-388) Piscataway, NJ: IEEE. <https://doi.org/10.1109/WCRE.2011.53> (Published)

Modeling bipartite graphs using hierarchical structures, by CHUA, Freddy Chong-Tat; LIM, Ee Peng. (2011.0). *2011 International Conference on Advances in Social Network Analysis and Mining : ASONAM*

2011 : 25-27 July 2011, Kaohsiung, Taiwan., (pp. 94-101) Piscataway, NJ: IEEE.  
<http://doi.org/10.1109/ASONAM.2011.45> (Published)

Topical keyphrase extraction from Twitter, by ZHAO, Xin; JIANG, Jing; HE, Jing; SONG, Yang; ACHANANUPARP, Palakorn; LIM, Ee Peng; LI, Xiaoming. (2011.0). *Proceedings of the 49th Annual Meeting of the Association for Computational Linguistics: Portland, Oregon, June 19-24, 2011*, (pp. 379-388) Stroudsburg, PA: ACL. (Published)

Predicting item adoption using social correlation, by CHUA, Freddy Chong-Tat; LAUW, Hady W.; LIM, Ee Peng. (2011.0). *2011 SIAM International Conference on Data Mining: 28-30 April, Mesa, AZ: Proceedings*, (pp. 367-378) Philadelphia, PA: SIAM. <https://doi.org/10.1137/1.9781611972818.32> (Published)

Comparing Twitter and traditional media using topic models, by ZHAO, Wayne Xin; JIANG, Jing; WENG, Jianshu; HE, Jing; LIM, Ee Peng; YAN, Hongfei; LI, Xiaoming. (2011.0). *Advances in Information Retrieval: 33rd European Conference on IR Research, ECIR 2011, Dublin, Ireland, April 18-21: Proceedings*, (pp. 338-349) Cham: Springer. [https://doi.org/10.1007/978-3-642-20161-5\\_34](https://doi.org/10.1007/978-3-642-20161-5_34) (Published)

Modeling link formation behaviors in dynamic social networks, by NGUYEN, Viet-An; LEUNG, Cane Wing-Ki; LIM, Ee Peng. (2011.0). *Social Computing, Behavioral-Cultural Modeling and Prediction: 4th International Conference, SBP 2011, College Park, MD, March 29-31: Proceedings*, (pp. 349-357) Berlin ; New York: Springer Verlag. [http://doi.org/10.1007/978-3-642-19656-0\\_48](http://doi.org/10.1007/978-3-642-19656-0_48) (Published)

Visualizing and querying semantic social network, by SUN, Aixin; DATTA, Anwitaman; LIM, Ee Peng; CHANG, Kuiyu. (2011.0). (pp. 1271-1272) Library Information Technology Association (Singapore). <http://doi.org/10.1145/2009916.2010155> (Published)

Visualizing and querying semantic social network, by SUN, Aixin; DATTA, Anwitaman; LIM, Ee Peng; CHANG, Kuiyu. (2011.0). *International ACM SIGIR Conference on Research and Development in Information Retrieval (SIGIR 2011)*, (pp. 1271-1272) Beijing China: ACM. <http://doi.org/10.1145/2009916.2010155> (Published)

Modeling socialness in dynamic social networks, by HOANG, Tuan Anh; LIM, Ee Peng; ACHANANUPARP, Palakorn; JIANG, Jing; TEOW, Loo-Nin. (2011.0). *2011 International Conference on Advances in Social Network Analysis and Mining : ASONAM 2011 : 25-27 July 2011, Kaohsiung, Taiwan.*, Piscataway, N.J.: IEEE. <http://doi.org/10.1109/ASONAM.2011.91> (Published)

On modeling virality of Twitter content, by HOANG, Tuan Anh; LIM, Ee Peng; ACHANANUPARP, Palakorn; JIANG, Jing; ZHU, Feida. (2011.0). *Digital Libraries: 13th International Conference on Asia-Pacific Digital Libraries, ICADL 2011, Beijing, China, October 24-27: Proceedings*, (pp. 212-221) Heidelberg: Springer. [https://doi.org/10.1007/978-3-642-24826-9\\_27](https://doi.org/10.1007/978-3-642-24826-9_27) (Published)

Mining interesting link formation rules in social networks, by LEUNG, Cane Wing-Ki; LIM, Ee Peng; LO, David; WENG, Jianshu. (2010.0). *CIKM'10: Proceedings of the 19th ACM International Conference on Information and Knowledge Management: October 26-30, 2010, Toronto*, (pp. 209-218) New York: ACM. <http://doi.org/10.1145/1871437.1871468> (Published)

Finding unusual review patterns using unexpected rules, by JINDAL, Nitin; LIU, Bing; LIM, Ee Peng. (2010.0). *CIKM '10: Proceedings of the 19th International Conference on Information & Knowledge Management and Co-Located Workshops: October 26-30, Toronto, Canada*, (pp. 1549-1552) New York: ACM. <https://doi.org/10.1145/1871437.1871669> (Published)

Detecting product review spammers using rating behaviors, by LIM, Ee Peng; LIU, Bing; JINDAL, Nitin; NGUYEN, Viet-An; LAUW, Hady W.. (2010.0). *CIKM '10: Proceedings of the 19th ACM International Conference on Information and Knowledge Management: Toronto, October 26-30*, (pp. 939-948) New York: ACM. <https://doi.org/10.1145/1871437.1871557> (Published)

Mining collaboration patterns from a large developer network, by SURIAN, Didi; LO, David; LIM, Ee Peng. (2010.0). *WCRE 2010: 17th Working Conference on Reverse Engineering: 13-16 October 2010, Beverly, Massachusetts: Proceedings*, (pp. 269-273) Piscataway, NJ: IEEE. <http://doi.org/10.1109/WCRE.2010.38> (Published)

Investigating perceptions of a location-based annotation system, by QUACH, Huynh Nhu Hop; RAZIKIN, Khasfariyati; GOH, Dion Hoe-Lian; KIM, Thi Nhu Quynh; PHAM, Tan Phat; THENG, Yin-Leng;. (2010.0). *Proceedings of 6th International Conference on Active Media Technology, AMT 2010, Toronto, Canada, August 28-30*, (pp. 232-242) Toronto, Canada: Springer. [https://doi.org/10.1007/978-3-642-15470-6\\_25](https://doi.org/10.1007/978-3-642-15470-6_25) (Published)

A probabilistic approach to personalized tag recommendation, by HU, Meiqun; LIM, Ee Peng; JIANG, Jing. (2010.0). *SocialCom 2010: Proceedings: The second IEEE International Conference on Social Computing: Minneapolis, Minnesota, August 20-22, 2010*, (pp. 33-40) Los Alamitos, CA: IEEE Computer Society. <https://doi.ieeecomputersociety.org/10.1109/SocialCom.2010.15> (Published)

Messaging behavior modeling in mobile social networks, by ON, Byung-Won; LIM, Ee Peng; JIANG, Jing; CHUA, Freddy Tat Chua; NGUYEN, Viet-An; TEOW, Loo Nin. (2010.0). *SocialCom 2010: Proceedings of the 2nd IEEE International Conference on Social Computing: PASSAT 2010, 2nd IEEE International Conference on Privacy, Security, Risk, and Trust: Minneapolis, August 20-22*, (pp. 425-430) Los Alamitos, CA: IEEE Computer Society. <https://doi.ieeecomputersociety.org/10.1109/SocialCom.2010.68> (Published)

Mining interaction behaviors for email reply order prediction, by ON, Byung-Won; LIM, Ee Peng; JIANG, Jing; PURANDARE, Amruta; TEOW, Loo Nin. (2010.0). *ASONAM 2010: Proceedings: 2010 International Conference on Advances in Social Network Analysis and Mining: 9-11 August 2010, Odense, Denmark*, (pp. 306-310) Odense, Denmark: IEEE. <http://doi.org/10.1109/ASONAM.2010.60> (Published)

Trust network inference for online rating data using generative models, by CHUA, Freddy Tat Chua; LIM, Ee Peng. (2011.0). *KDD '10: Proceedings of the 16th ACM SIGKDD International Conference on Knowledge Discovery and Data Mining, Washington, DC, July 25-28*, (pp. 889-898) New York: ACM. <https://doi.org/10.1145/1835804.1835917> (Published)

A heuristic algorithm for trust-oriented service provider selection in complex social networks, by LIU, Guanfeng; WANG, Yan; ORGUN, Mehmet A.; LIM, Ee Peng. (2010.0). *IEEE International Conference on Services Computing (SCC), 2010 : Miami, Florida, USA, 5 - 10 July 2010*, (pp. 130-137) Miami, Florida: IEEE. <http://doi.org/10.1109/SCC.2010.47> (Published)

Mining antagonistic communities from social networks, by ZHANG, Kuan; LO, David; LIM, Ee Peng. (2010.0). *Mining Antagonistic Communities from Social Networks: 14th Pacific-Asia Conference, PAKDD 2010, Hyderabad, India, June 21-24, 2010. Proceedings. Part I*, (pp. 68-80) Heidelberg: Springer Verlag. [http://doi.org/10.1007/978-3-642-13657-3\\_10](http://doi.org/10.1007/978-3-642-13657-3_10) (Published)

Do Wikipedians follow domain experts? A domain-specific study on Wikipedia contribution, by ZHANG, Yi; SUN, Aixin; DATTA, Anwitaman; CHANG, Kuiyu; LIM, Ee Peng. (2010.0). *JCDL '10: Proceedings of the 10th Annual Joint Conference on Digital Libraries, Gold Coast, Australia, June 21-25*, (pp. 119-128) New York: ACM. <https://doi.org/10.1145/1816123.1816141> (Published)

Do you trust to get trust? A study of trust reciprocity behaviors and reciprocal trust prediction, by NGUYEN, Viet-An; LIM, Ee Peng; TAN, Hwee Hoon; JIANG, Jing; SUN, Aixin. (2010.0). *Proceedings of the 2010 SIAM International Conference on Data Mining, April 29-May 1, 2010, Columbus OH*, (pp. 72-83) Philadelphia, PA: SIAM. <http://doi.org/10.1137/1.9781611972801.7> (Published)

Managing media rich geo-spatial annotations for a map-based mobile application using clustering, by RAZIKIN, Khasfariyati; GOH, Dion Hoe-Lian; LIM, Ee Peng; SUN, Aixin; THENG, Yin-Leng; KIM, Thi Nhu Quynh; CHATTERJEA, Kalyani; CHANG, Chew-Hung. (2010.0). *International Conference on Information Technology: New Generations (ITNG 2010)*, (pp. 138-143) Las Vegas: IEEE. <http://doi.org/10.1109/ITNG.2010.62> (Published)

Twitterrank: Finding topic-sensitive influential Twitterers, by WENG, Jianshu; LIM, Ee Peng; JIANG, Jing; HE, Qi. (2010.0). *Proceedings of the Third ACM International Conference on Web Search and Data Mining: February 3-6, 2010, New York*, (pp. 261-270) New York: ACM. <http://doi.org/10.1145/1718487.1718520> (Published)

To trust or not to trust? Predicting online trusts using Trust Antecedent Framework, by NGUYEN, Viet-An; LIM, Ee Peng; JIANG, Jing; SUN, Aixin. (2009.0). *IEEE International Conference on Data Mining, Miami, Florida, 2009, December 6-9*, (pp. 896-901) Miami, Florida, Dec 6-9: IEEE ICDM. <http://doi.ieeecomputersociety.org/10.1109/ICDM.2009.115> (Published)

Trust-Oriented Composite Services selection and discovery, by LI, Lei; WANG, Yan; LIM, Ee Peng. (2009.0). *Service-oriented computing : 7th international joint conference, ICSOC-ServiceWave 2009, Stockholm, Sweden, November 24-27, 2009 : proceedings*, (pp. 50-67) Berlin ; New York: Springer Verlag. [http://doi.org/10.1007/978-3-642-10383-4\\_4](http://doi.org/10.1007/978-3-642-10383-4_4) (Published)

Trust relationship prediction using online product review data, by MA, Nan; LIM, Ee Peng; NGUYEN, Viet-An; SUN, Aixin. (2009.0). *CNIKM '09: Proceedings of the 1st ACM International Workshop on Complex Networks meet Information & Knowledge Management: Hong Kong, November 6*, (pp. 47-54) New York:



ACM. <https://doi.org/10.1145/1651274.1651284> (Published)

Stereotrust: A group based personalized trust model, by LIU, Xin; DATTA, Anwitaman; RAZDCA, Krzysztof; LIM, Ee Peng. (2009.0). *CIKM '09 : proceedings of the ACM Eighteenth International Conference on Information and Knowledge Management; November 2 - 6, 2009, Hong Kong, China*, (pp. 7-16) New York, NY: ACM. <http://doi.org/10.1145/1645953.1645958> (Published)

What makes categories difficult to classify?, by SUN, Aixin; LIM, Ee Peng; LIU, Ying. (2009.0). *ACM Conference on Information and Knowledge Management (CIKM)*, (pp. 1891-1894) Hong Kong: ACM. <http://doi.org/10.1145/1645953.1646258> (Published)

Sharing mobile multimedia annotations to support inquiry-based learning using Mobitop, by RAZIKIN, Khasfariyati; GOH, Dion Hoe-Lian; THENG, Yin-Leng; NGUYEN, Quang Minh; KIM, Thi Nhu Quynh; LIM, Ee Peng; CHANG, Chew-Hung; CHATTERJEA, Kalyani; SUN, Aixin. (2009.0). *International Conference on Active Media Technology (AMT'09)*, (pp. 171-182) Beijing: Springer Verlag. [http://doi.org/10.1007/978-3-642-04875-3\\_21](http://doi.org/10.1007/978-3-642-04875-3_21) (Published)

Ssnetviz: A visualization engine for heterogeneous semantic social networks, by LIM, Ee Peng; Maureen; IBRAHIM, Nelman Lubis; SUN, Aixin; DATTA, Anwitaman; CHANG, Kuiyu. (2009.0). *ICEC '09: Proceedings of the 11th International Conference on Electronic Commerce, Taipei, August 12-15*, (pp. 213-221) New York: ACM. <https://doi.org/10.1145/1593254.1593288> (Published)

Sharing hierarchical mobile multimedia content using the MobiTOP system, by NGUYEN, Quang Minh; KIM, Thi Nhu Quynh; GOH, Dion Hoe-Lian; LIM, Ee-Peng; THENG, Yin-Leng; CHATTERJEA, Kalyani; CHANG, Chew-Hung; SUN, Aixin; RAZIKIN, Khasfariyati. (2009.0). *Proceedings of 10th International Conference on Mobile Data Management, Taipei, Taiwan, 2009 May 18-20*, Taipei, Taiwan: (Published)

On mining rating dependencies in online collaborative rating networks, by LAUW, Hady W.; LIM, Ee Peng; WANG, Ke. (2009.0). *Advances in Knowledge Discovery and Data Mining: 13th Pacific-Asia Conference, PAKDD 2009, Bangkok, Thailand, April 27-30, 2009: Proceedings*, (pp. 1054-1061) Berlin: Springer Verlag. [https://doi.org/10.1007/978-3-642-01307-2\\_113](https://doi.org/10.1007/978-3-642-01307-2_113) (Published)

Exploring hierarchically organized georeferenced multimedia annotations in the MobiTOP system, by KIM, Thi Nhu Quynh; RAZIKIN, Khasfariyati; GOH, Dion Hoe-Lian; THENG, Yin Leng; NGUYEN, Quang Minh; LIM, Ee-Peng; SUN, Aixin; CHANG, Chew Hung; CHATTERJEA, Kalyani. (2009.0). *Proceedings of 6th International Conference on Information Technology - New Generations, Las Vegas, NV, 2009 April 27-29*, Las Vegas, NV: <https://doi.org/10.1109/ITNG.2009.330> (Published)

Web query recommendation via sequential query prediction, by HE, Qi; JIANG, Daxin; LIAO, Zhen; HOI, Steven C. H.; CHANG, Kuiyu; LIM, Ee Peng; LI, Hang. (2009.0). *25th IEEE International Conference on Data Engineering ICDE 2009: Proceedings, 29 March-2 April, Shanghai, China*, (pp. 1443-1454) Los Alamitos, CA: IEEE Computer Society. <https://doi.ieeecomputersociety.org/10.1109/ICDE.2009.71> (Published)

Quality-aware collaborative Question Answering: Methods and evaluation, by SURYANTO, Maggy Anastasia; LIM, Ee Peng; SUN, Aixin; CHIANG, Roger Hsiang-Li. (2009.0). *Proceedings of the Second ACM International Conference on Web Search and Data Mining (WSDM 2009) : Barcelona, Spain, February 9-12, 2009*, (pp. 142-151) New York, N.Y: ACM. <http://doi.org/10.1145/1498759.1498820> (Published)

On visualizing heterogeneous semantic networks from multiple data sources, by Maureen; SUN, Aixin; LIM, Ee Peng; DATTA, Anwitaman; CHANG, Kuiyu. (2008.0). *Digital Libraries: Universal and Ubiquitous Access to Information: 11th International Conference on Asian Digital Libraries, ICADL 2008, Bali, Indonesia, December 2-5, 2008. Proceedings*, (pp. 266-275) Berlin: Springer. [https://doi.org/10.1007/978-3-540-89533-6\\_27](https://doi.org/10.1007/978-3-540-89533-6_27) (Published)

Mobitop: Accessing hierarchically organized georeferenced multimedia annotations, by KIM, Thi Nhu Quynh; RAZIKIN, Khasfariyati; GOH, Dion Hoe-Lian; NGUYEN, Quang Minh; LIM, Ee Peng. (2008.0). *Digital libraries: 11th International Conference on Asian Digital Libraries, ICADL 2008, Bali, Indonesia, December 2-5: Proceedings*, (pp. 412-413) Berlin: Springer. [https://doi.org/10.1007/978-3-540-89533-6\\_60](https://doi.org/10.1007/978-3-540-89533-6_60) (Published)

The evaluation of situational transaction trust in e-service environments, by WANG, Yan; LIM, Ee Peng. (2008.0). *Proceedings of the ICEBE 2008 : IEEE International Conference on e-Business Engineering ; AiR 2008 : IEEE International Workshop on Advances in RFID ; EM2I 2008 : IEEE International on E-Marketplace Integration and Interoperability ; SOAIC 2008 : IEEE International Workshop on Service-Oriented Applications, Integration and Collaboration ; SOKM 2008 : IEEE International Workshop on Service-Oriented Knowledge Management ; BIMA 2008 : IEEE International Workshop on Business*

*Intelligence Methodologies and Applications ; DKEEE 2008 : IEEE International Workshop on Data And Knowledge Engineering for E-service and E-business : 22-24 October, 2008, Xi'an, China, Los Alamitos, Calif.: IEEE.* <http://doi.ieeecomputersociety.org/10.1109/ICEBE.2008.12> (Published)

Event detection with common user interests, by HU, Meishan; SUN, Aixin; LIM, Ee Peng. (2008.0). *Database, information retrieval, knowledge management : Napa Valley 2008 CIKM, ACM 17th Conference on Information and Knowledge Management ; October 26 - 30, 2008, Napa Valley, California ; workshop proceedings [of BooksOnline'08, DOLAP'08, DTMBIO'08, GIR'08, iNEWS'08, LSDS-IR'08, ONISW'08, PAIR'08, PIKM'08, SSM'08, WICOW'08, WIDM'08]*, (pp. 1-8) New York, NY: ACM. <http://doi.org/10.1145/1458502.1458504> (Published)

Tagsearch: Searching and navigating geo-referenced collections of photographs, by NGUYEN, Quang Minh; KIM, Thi Nhu Quynh; GOH, Dion Hoe-Lian; THENG, Yin-Leng; LIM, Ee Peng; SUN, Aixin; CHANG, Chew-Hung; CHATTERJEA, Kalyani. (2008.0). *Research and Advanced Technology for Digital Libraries: 12th European Conference, ECDL 2008, Aarhus, Denmark, September 14-19, 2008. Proceedings*, (pp. 62-73) Berlin [u.a.]: Springer Verlag. [http://doi.org/10.1007/978-3-540-87599-4\\_7](http://doi.org/10.1007/978-3-540-87599-4_7) (Published)

Predicting trusts among users of online communities: An epinions case study, by LIU, Haifeng; LIM, Ee Peng; LAUW, Hady W.; LE, Minh-Tam; SUN, Aixin; SRIVASTAVA, Jaideep; KIM, Young Ae. (2008.0). *EC '08: Proceedings of the 9th ACM conference on Electronic Commerce: Chicago, July 8-12*, (pp. 310-319) New York: ACM. <https://doi.org/10.1145/1386790.1386838> (Published)

Comments-oriented document summarization: Understanding documents with readers' feedback, by HU, Meishan; SUN, Aixin; LIM, Ee Peng. (2008.0). *SIGIR '08: Proceedings of the 31st annual international ACM SIGIR conference on Research and development in information retrieval: July 20-24, 2008, Singapore*, (pp. 291-298) New York: ACM. <http://doi.org/10.1145/1390334.1390385> (Published)

Visual analytics for supporting entity relationship discovery on text data, by DAI, Hanbo; LIM, Ee Peng; LAUW, Hady W.; PANG, Hwee Hwa. (2008.0). *IEEE International Conference on Intelligence and Security Informatics, ISI 2008 Workshops: PAISI, PACCF, and SOCO 2008, Taipei, Taiwan, 17 June*, (pp. 183-194) Cham: Springer Verlag. [https://doi.org/10.1007/978-3-540-69304-8\\_19](https://doi.org/10.1007/978-3-540-69304-8_19) (Published)

WikiNetViz: Visualizing friends and adversaries in implicit social networks, by LE, Minh-Tam; DANG, Hoang-Vu; LIM, Ee Peng; DATTA, Anwitaman. (2008.0). *ISI 2008 : 2008 IEEE International Conference on Intelligence and Security Informatics, June 17 20, 2008, Taipei, Taiwan.*, (pp. 52-57) Piscataway, N.J.: IEEE. <http://doi.org/10.1109/ISI.2008.4565029> (Published)

Building a web of trust without explicit trust ratings, by KIM, Young Ae; LE, Minh-Tam; LAUW, Hady W.; LIM, Ee Peng; LIU, Haifeng; SRIVASTAVA, Jaideep. (2008.0). *IEEE 24th International Conference on Data Engineering Workshop: ICDEW 2008: Cancun, Mexico, 7-12 April: Proceedings*, (pp. 531-536) Piscataway, NJ: IEEE. <https://doi.org/10.1109/ICDEW.2008.4498374> (Published)

On ranking controversies in Wikipedia: Models and evaluation, by VUONG, Ba-Quy; LIM, Ee Peng; SUN, Aixin; LE, Minh-Tam; LAUW, Hady Wirawan; CHANG, Kuiyu. (2008.0). *WSDM '08: Proceedings of the 2008 International Conference on Web Search and Data Mining: Stanford, CA, 2008 February 11-12*, (pp. 171-182) New York: ACM. <http://doi.org/10.1145/1341531.1341556> (Published)

On improving Wikipedia search using article quality, by HU, Meiqun; LIM, Ee Peng; SUN, Aixin; LAUW, Hady W.; VUONG, Ba-Quy. (2007.0). *WIDM '07: Proceedings of the 9th Annual ACM International Workshop on Web Information and Data Management: Lisbon, Portugal, November 9*, (pp. 145-152) New York: ACM. <https://doi.org/10.1145/1316902.1316926> (Published)

Comment-oriented blog summarization by sentence extraction, by HU, Meishan; LIM, Ee Peng; SUN, Aixin. (2007.0). *Proceedings of the 2007 ACM Conference on Information and Knowledge Management : Lisboa, Portugal, Nov. 6 - 10, 2007*, (pp. 901-904) New York, NY: ACM. <http://doi.org/10.1145/1321440.1321571> (Published)

SLOQUE: Slot-based Query Expansion for complex questions, by SURYANTO, Maggy Anastasia; LIM, Ee Peng; SUN, Aixin; CHIANG, Roger Hsiang-Li. (2007.0). *CIMS '07 Proceedings of the ACM first workshop on CyberInfrastructure: information management in eScience*, (pp. 47-54) New York, NY, USA: ACM. <http://doi.org/10.1145/1317353.1317364> (Published)

Measuring article quality in Wikipedia: Models and evaluation, by HU, Meiqun; LIM, Ee Peng; SUN, Aixin; LAUW, Hady W.; VUONG, Ba-Quy. (2007.0). *CIKM '07: Proceedings of the 16th ACM Conference on Information and Knowledge Management: Lisbon, Portugal, November 6-10*, (pp. 243-252) New York: ACM. <https://doi.org/10.1145/1321440.1321476> (Published)

- Key element-context model: An approach to efficient web metadata maintenance, by VUONG, Ba-Quy; LIM, Ee Peng; SUN, Aixin; CHANG, Chew-Hung; CHATTERJEA, Kalyani; GOH, Dion Hoe-Lian; THENG, Yin-Leng; ZHANG, Jun. (2007.0). *Research and Advanced Technology for Digital Libraries: 11th European Conference, ECDL 2007, Budapest, Hungary, September 16-21: Proceedings*, (pp. 63-74) Budapest, Hungary: Springer Verlag. [http://doi.org/10.1007/978-3-540-74851-9\\_6](http://doi.org/10.1007/978-3-540-74851-9_6) (Published)
- Analyzing feature trajectories for event detection, by HE, Qi; CHANG, Kuiyu; LIM, Ee Peng. (2007.0). *SIGIR '07: 30th annual International ACM SIGIR Conference on Research and Development in Information Retrieval: July 23-27, 2007, Amsterdam, the Netherlands*, (pp. 207-214) New York, NY, USA: ACM. <http://doi.org/10.1145/1277741.1277779> (Published)
- Mobile G-Portal supporting collaborative sharing and learning in geography fieldwork: An empirical study, by THENG, Yin-Leng; TAN, Kuah-Li; LIM, Ee Peng; ZHANG, Jun; GOH, Dion Hoe-Lian; CHATTERJEA, Kalyani; CHANG, Chew-Hung; SUN, Aixin; YU, Han; DANG, Nam Hai; LI, Yuanyuan; VO, Minh Chanh. (2007.0). *Building & sustaining the digital environment: Proceedings of the 7th ACM/IEEE-CS Joint Conference on Digital Libraries, Vancouver, British Columbia, Canada, June 18 - 23, 2007; JCDL 2007*, (pp. 462-471) New York, NY, USA: ACM. <http://doi.org/10.1145/1255175.1255269> (Published)
- Social bookmarking in digital library systems: Framework and case study, by PUSPITASARI, Fiftarina; LIM, Ee Peng; GOH, Dion Hoe-Lian; CHANG, Chew-Hung; ZHANG, Jun; SUN, Aixin; THENG, Yin-Leng; CHATTERJEA, Kalyani; LI, Yuanyuan. (2007.0). *Building & sustaining the digital environment: Proceedings of the 7th ACM/IEEE-CS Joint Conference on Digital Libraries, Vancouver, British Columbia, Canada, June 18 - 23, 2007; JCDL 2007*, (pp. 488-488) Vancouver, Canada: ACM. <http://doi.org/10.1145/1255175.1255287> (Published)
- Bursty feature representation for clustering text streams, by HE, Qi; CHANG, Kuiyu; LIM, Ee Peng; ZHANG, Jun. (2007.0). *Proceedings of the 2007 SIAM International Conference on Data Mining: April 26-28, Minneapolis*, (pp. 491-496) Philadelphia, PA: SIAM. <http://doi.org/10.1137/1.9781611972771.50> (Published)
- Summarizing review scores of "unequal" reviewers, by LAUW, Hady W.; LIM, Ee Peng; WANG, Ke. (2007.0). *2007 SIAM International Conference on Data Mining: April 26-28, Minneapolis, MN: Proceedings*, (pp. 539-544) Philadelphia, PA: SIAM. <https://doi.org/10.1137/1.9781611972771.58> (Published)
- TUBE (Text-cUBE) for discovering documentary evidence of associations among entities, by LAUW, Hady W.; LIM, Ee Peng; PANG, Hwee Hwa. (2007.0). *SAC '07: Proceedings of the 2007 ACM Symposium on Applied Computing, Seoul, Korea, 11-15 March*, (pp. 824-828) New York: ACM. <https://doi.org/10.1145/1244002.1244185> (Published)
- Measuring qualities of articles contributed by online communities, by LIM, Ee Peng; VUONG, Ba-Quy; LAUW, Hady W.; SUN, Aixin. (2006.0). *IEEE/WIC/ACM International Conference on Web Intelligence: WI 2006: 18-22 December 2006, Hong Kong, China: Proceedings*, (pp. 81-87) Los Alamitos, CA: IEEE Computer Society. <http://doi.ieeecomputersociety.org/10.1109/WI.2006.115> (Published)
- Continuous monitoring of kNN queries in wireless sensor networks, by YAO, Yuxia; TANG, Xueyan; LIM, Ee Peng. (2006.0). *Mobile Ad-hoc and Sensor Networks: Second International Conference, MSN 2006, Hong Kong, China, December 13-15, 2006: Proceedings*, (pp. 662-673) Berlin: Springer Verlag. [http://doi.org/10.1007/11943952\\_56](http://doi.org/10.1007/11943952_56) (Published)
- Integration of Wikipedia and a Geography Digital Library, by LIM, Ee Peng; WANG, Zhe; SADELI, Darwin; LI, Yuanyuan; CHANG, Chew-Hung; CHATTERJEA, Kalyani; GOH, Dion Hoe-Lian; THENG, Yin-Leng; ZHANG, Jun; SUN, Aixin. (2006.0). *Digital Libraries: Achievements, Challenges and Opportunities: 9th International Conference on Asian Digital Libraries, ICADL 2006, Kyoto, Japan, November 27-30, 2006. Proceedings*, (pp. 449-458) Kyoto: Springer Verlag. [http://doi.org/10.1007/11931584\\_48](http://doi.org/10.1007/11931584_48) (Published)
- Understanding user perceptions on usefulness and usability of an integrated Wiki-G-Portal, by THENG, Yin-Leng; LI, Yuanyuan; LIM, Ee Peng; WANG, Zhe; GOH, Dion Hoe-Lian; CHANG, Chew-Hung; CHATTERJEA, Kalyani; ZHANG, Jun. (2006.0). *Digital Libraries: Achievements, Challenges and Opportunities: 9th International Conference on Asian Digital Libraries, ICADL 2006, Kyoto, Japan, November 27-30. Proceedings*, (pp. 507-510) Cham: Springer. [https://doi.org/10.1007/11931584\\_59](https://doi.org/10.1007/11931584_59) (Published)
- A model for Anticipatory Event Detection, by HE, Qi; CHANG, Kuiyu; LIM, Ee Peng. (2006.0). *Conceptual Modeling - ER 2006: 25th International Conference on Conceptual Modeling, Tucson, AZ, November 6-9, 2006: Proceedings*, (pp. 168-181) Tucson, AZ: Springer Verlag. [http://doi.org/10.1007/11901181\\_14](http://doi.org/10.1007/11901181_14) (Published)

- Anticipatory Event Detection via sentence classification, by HE, Qi; CHANG, Kuiyu; LIM, Ee Peng. (2006.0). *IEEE International Conference on Systems, Man and Cybernetics, 2006 : ICSMC '06 ; 8 - 11 Oct. 2006, Taipei, Taiwan ; proceedings*, (pp. 1143-1148) Taipei, Taiwan: IEEE. <http://doi.org/10.1109/ICSMC.2006.384554> (Published)
- Bias and controversy: Beyond the statistical deviation, by LAUW, Hady W.; LIM, Ee Peng; WANG, Ke. (2006.0). *KDD 2006: Proceedings of the Twelfth ACM SIGKDD International Conference on Knowledge Discovery and Data Mining: Philadelphia, PA, August 20-23*, (pp. 625-630) New York: ACM. <https://doi.org/10.1145/1150402.1150478> (Published)
- On in-network synopsis join processing for sensor networks, by YU, Hai; LIM, Ee Peng; ZHANG, Jun. (2006.0). *7th International Conference on Mobile Data Management, 2006 : MDM 2006 ; May 10 - 12, 2006, Nara, Japan*, (pp. 32-) Piscataway, NJ: IEEE. <http://doi.org/10.1109/MDM.2006.113> (Published)
- In-network processing of nearest neighbor queries for wireless sensor networks, by YAO, Yuxia; TANG, Xueyan; LIM, Ee Peng. (2006.0). *Database Systems for Advanced Applications: 11th International Conference, DASFAA 2006, Singapore, April 12-15: Proceedings*, (pp. 35-49) Singapore: Springer Verlag. [http://doi.org/10.1007/11733836\\_5](http://doi.org/10.1007/11733836_5) (Published)
- SGPM: Static group pattern mining using apriori-like sliding window, by GOH, John; Taniar, David; LIM, Ee Peng. (2006.0). *Advances in Knowledge Discovery and Data Mining: 10th Pacific-Asia Conference, PAKDD 2006, Singapore, April 9-12: Proceedings*, (pp. 415-424) Singapore: Springer Verlag. [http://doi.org/10.1007/11731139\\_48](http://doi.org/10.1007/11731139_48) (Published)
- FISA: Feature-based instance selection for imbalanced text classification, by SUN, Aixin; LIM, Ee Peng; BENATALLAH, Boualem; HASSAN, Mahbub. (2006.0). *Advances in Knowledge Discovery and Data Mining: 10th Pacific-Asia Conference, PAKDD 2006, Singapore, April 9-12: Proceedings*, (pp. 250-254) Singapore: Springer Verlag. [http://doi.org/10.1007/11731139\\_30](http://doi.org/10.1007/11731139_30) (Published)
- INEXT: An investigative search tool for knowledge extraction, by SUN, Zhen; LIM, Ee Peng. (2006.0). *Proceedings of the 2006 Intelligence and Security Informatics, International Workshop, Singapore, April 9*, (pp. 31-37) New York: Springer Verlag. [http://dx.doi.org/10.1007/11734628\\_4](http://dx.doi.org/10.1007/11734628_4) (Published)
- In-network join processing for sensor networks, by YU, Hai; LIM, Ee Peng; ZHANG, Jun. (2006.0). *Frontiers of WWW Research and Development - APWeb 2006: 8th Asia Pacific Web Conference (APWEB'06)*, (pp. 263-274) Harbin, China: Springer Verlag. [http://doi.org/10.1007/11610113\\_24](http://doi.org/10.1007/11610113_24) (Published)
- WEBARC: Website archival using a structured approach, by LIM, Ee Peng; MARISSA, Maria. (2005.0). *Digital Libraries: Implementing Strategies and Sharing Experiences*, (pp. 406-410) Bangkok, Thailand: Springer Verlag. [http://doi.org/10.1007/11599517\\_49](http://doi.org/10.1007/11599517_49) (Published)
- Managing geography learning objects using personalized project spaces in G-Portal, by GOH, Dion Hoe-Lian; SUN, Aixin; ZONG, Wenbo; WU, Dan; LIM, Ee Peng; THENG, Yin-Leng; HEDBERG, John; CHANG, Chew-Hung. (2005.0). *Research and advanced technology for digital libraries : 9th European conference, ECDL 2005 : Vienna, Austria, September 18-23, 2005 : proceedings*, (pp. 336-343) Berlin Heidelberg: Springer Verlag. [http://doi.org/10.1007/11551362\\_30](http://doi.org/10.1007/11551362_30) (Published)
- On assigning place names to geography related web pages, by ZONG, Wenbo; WU, Dan; SUN, Aixin; LIM, Ee Peng; GOH, Dion Hoe-Lian. (2005.0). *JCDL 05: Proceedings of the 5th ACM/IEEE Joint Conference on Digital Libraries: Denver, CO, June 7-11, 2005*, (pp. 354-362) New York: ACM. <http://doi.org/10.1145/1065385.1065464> (Published)
- Evaluating G-Portal for Geography learning and teaching, by CHANG, Chew-Hung; HEDBERG, John G.; THENG, Yin-Leng; LIM, Ee Peng; TEH, Tiong-Sa; GOH, Dion Hoe-Lian. (2005.0). *Proceedings of the 5th ACM/IEEE Joint Conference on Digital Libraries : JCDL 05, Joint Conference on Digital Libraries 2005; Denver, CO, USA, June 7 - 11, 2005; digital libraries: cyberinfrastructure for research and education.*, (pp. 21-22) New York, NY, USA: ACM. <http://doi.org/10.1145/1065385.1065390> (Published)
- Personalized project space for managing metadata of geography learning objects, by ZONG, Wenbo; WU, Dan; SUN, Aixin; LIM, Ee Peng; GOH, Dion Hoe-Lian; THENG, Yin-Leng; HEDBERG, John; CHANG, Chew-Hung. (2005.0). *JCDL 05: Proceedings of the 5th ACM/IEEE Joint Conference on Digital Libraries: Denver, CO, June 7-11, 2005*, (pp. 403-403) New York: ACM. <http://doi.org/10.1145/1065385.1065506> (Published)
- Mining mobile group patterns: A trajectory-based approach, by HWANG, San-Yih; LIU, Ying-Han; CHIU,

Jeng-Kuen; LIM, Ee Peng. (2005.0). *Advances in Knowledge Discovery and Data Mining (vol. # 3518) : 9th Pacific-Asia Conference, PAKDD 2005, Hanoi, Vietnam, May 18-20, 2005, Proceedings*, (pp. 713-718) Berlin Heidelberg: Springer Verlag. [http://doi.org/10.1007/11430919\\_82](http://doi.org/10.1007/11430919_82) (Published)

On discovering concept entities from web sites, by YIN, Ming; GOH, Dion Hoe-Lian; LIM, Ee Peng. (2005.0). *Computational Science and Its Applications – ICCSA 2005: International Conference, Singapore, May 9-12, 2005, Proceedings, Part II*, (pp. 1177-1186) Berlin Heidelberg: Springer Verlag. [http://doi.org/10.1007/11424826\\_125](http://doi.org/10.1007/11424826_125) (Published)

Event-driven document selection for terrorism information extraction, by SUN, Zhen; LIM, Ee Peng; CHANG, Kuiyu; ONG, Teng-Kwee; GUNARATNA, Rohan Kumar. (2005.0). *Intelligence and Security Informatics: IEEE International Conference on Intelligence and Security Informatics, ISI 2005, Atlanta, GA, USA, May 19-20, 2005: Proceedings*, (pp. 37-48) Atlanta, Georgia: Springer Verlag. [http://doi.org/10.1007/11427995\\_4](http://doi.org/10.1007/11427995_4) (Published)

Mining social network from spatio-temporal events, by LAUW, Hady W.; LIM, Ee Peng; TAN, Teck Tim; PANG, Hwee Hwa. (2005.0). *Workshop on Link Analysis, Counterterrorism and Security 2005: Proceedings, Newport Beach, 23 April*, (pp. 82-93) Kingston, Canada: Queen's University. (Published)

Core: A search and browsing tool for semantic instances of web sites, by NAING, Myo-Myo; LIM, Ee Peng; CHIANG, Robert H. L.. (2005.0). *Web technologies research and development: APWeb 2005: 7th Asia-Pacific Web Conference, Shanghai, China, March 29-April 1, 2005: Proceedings*, (pp. 429-440) Berlin: Springer Verlag. [http://doi.org/10.1007/978-3-540-31849-1\\_42](http://doi.org/10.1007/978-3-540-31849-1_42) (Published)

Supporting field study with personalized project spaces in a geographical digital library, by LIM, Ee Peng; SUN, Aixin; LIU, Zehua; HEDBERG, John; CHANG, Chew-Hung; TEH, Tiong-Sa; GOH, Dion Hoe-Lian; THENG, Yin-Leng. (2004.0). *Digital Libraries: International Collaboration and Cross-Fertilization: 7th International Conference on Asian Digital Libraries, ICADL 2004, Shanghai, China, December 13-17, 2004: Proceedings*, (pp. 594-607) Berlin: Springer. [https://doi.org/10.1007/978-3-540-30544-6\\_63](https://doi.org/10.1007/978-3-540-30544-6_63) (Published)

Design lessons on access features in PAPER, by THENG, Yin-Leng; GOH, Dion Hoe-Lian; YIN, Ming; SUEN, Eng-Kai; LIM, Ee Peng. (2004.0). *Digital Libraries: International Collaboration and Cross-Fertilization: 7th International Conference on Asian Digital Libraries, ICADL 2004, Shanghai, China, December 13-17, 2004. Proceedings*, Berlin Heidelberg: Springer Verlag. [https://doi.org/10.1007/978-3-540-30544-6\\_68](https://doi.org/10.1007/978-3-540-30544-6_68) (Published)

A spectroscopy of texts for effective clustering, by LI, Wenyuan; NG, Wee-Keong; ONG, Kok-Leong; LIM, Ee Peng. (2004.0). *Knowledge Discovery in Databases: PKDD 2004: 8th European Conference on Principles and Practice of Knowledge Discovery in Databases, Pisa, Italy, September 20-24: Proceedings*, (pp. 301-312) Pisa, Italy: Springer Verlag. [http://doi.org/10.1007/978-3-540-30116-5\\_29](http://doi.org/10.1007/978-3-540-30116-5_29) (Published)

SCLOPE: An algorithm for clustering data streams of categorical attributes, by ONG, Kok-Leong; LI, Wenyuan; NG, Wee-Keong; LIM, Ee Peng. (2004.0). *Data warehousing and knowledge discovery : 6th international conference, DaWak 2004 Zaragoza, Spain, September 1-2, 2004 proceedings*, (pp. 209-218) Berlin ; New York: Springer Verlag. [http://doi.org/10.1007/978-3-540-30076-2\\_21](http://doi.org/10.1007/978-3-540-30076-2_21) (Published)

LTAM: A location-temporal authorization model, by YU, Hai; LIM, Ee Peng. (2004.0). *Secure Data Management: VLDB 2004 Workshop, SDM 2004, Toronto, Canada, August 30, 2004. Proceedings*, (pp. 172-186) Berlin Heidelberg: Springer Verlag. [http://doi.org/10.1007/978-3-540-30073-1\\_13](http://doi.org/10.1007/978-3-540-30073-1_13) (Published)

Unloading unwanted information: From physical websites to personalized web views, by LIU, Zehua; NG, Wee-Keong; LIM, Ee Peng; HUANG, Yangfeng; LI, Feifei. (2004.0). *Sixth Asia Pacific Web Conference (APWeb 2004)*, (pp. 111-121) Hangzhou, China, Apr 14-17: Springer Verlag. [http://doi.org/10.1007/978-3-540-24655-8\\_12](http://doi.org/10.1007/978-3-540-24655-8_12) (Published)

An automated algorithm for extracting website skeleton, by LIU, Zehua; NG, Wee-Keong; LIM, Ee Peng. (2004.0). *Database Systems for Advanced Applications: 9th International Conference, DASFAA 2004, Jeju Island, Korea, March 17-19, 2003: Proceedings*, (pp. 799-811) Berlin: Springer Verlag. [http://doi.org/10.1007/978-3-540-24571-1\\_70](http://doi.org/10.1007/978-3-540-24571-1_70) (Published)

Efficient group pattern mining using data summarization, by WANG, Yida; LIM, Ee Peng; HWANG, San-Yih. (2004.0). *Database Systems for Advanced Applications: 9th International Conference, DASFAA 2004, Jeju Island, Korea, March 17-19, 2003: Proceedings*, (pp. 895-907) Berlin Heidelberg: Springer Verlag. [http://doi.org/10.1007/978-3-540-24571-1\\_78](http://doi.org/10.1007/978-3-540-24571-1_78) (Published)

XStamps: A multiversion timestamps concurrency control protocol for XML data, by WIN, Khin-Myo; NG,

- Wee-Keong; LIM, Ee Peng. (2003.0). *ICICS-PCM 2003: Proceedings of the 2003 Joint Conference of the Fourth International Conference on Information, Communications and Signal Processing and Fourth Pacific Rim Conference on Multimedia, 15-18 December 2003, Singapore*, (pp. 1650-1654) Piscataway, NJ: IEEE. <http://doi.org/10.1109/ICICS.2003.1292748> (Published)
- PAPER for an educational digital library, by GOH, Dion Hoe-Lian; THENG, Yin-Leng; YIN, Ming; LIM, Ee Peng. (2003.0). *Digital Libraries: Technology and Management of Indigenous Knowledge for Global Access: 6th International Conference on Asian Digital Libraries, ICADL 2003, Kuala Lumpur, Malaysia, December 8-12, 2003. Proceedings*, (pp. 493-504) Berlin ; New York: Springer Verlag. [http://doi.org/10.1007/978-3-540-24594-0\\_50](http://doi.org/10.1007/978-3-540-24594-0_50) (Published)
- Web Unit Mining: Finding and classifying subgraphs of web pages, by SUN, Aixin; LIM, Ee Peng. (2003.0). *Proceedings of the Twelfth International Conference on Information and Knowledge Management : November 3-8, 2003, New Orleans, Louisiana, USA*, (pp. 108-115) New York, NY, USA: ACM. <http://doi.org/10.1145/956863.956885> (Published)
- FSSM: Fast construction of the optimized segment support map, by ONG, Kok-Leong; NG, Wee-Keong; LIM, Ee Peng. (2003.0). *Data Warehousing and Knowledge Discovery: 5th International Conference, DaWak 2003, Prague, Czech Republic, September 3-5, 2003: Proceedings*, (pp. 257-266) Berlin: Springer Verlag. [http://doi.org/10.1007/978-3-540-45228-7\\_26](http://doi.org/10.1007/978-3-540-45228-7_26) (Published)
- On mining group patterns of mobile users, by WANG, Yida; LIM, Ee Peng; HWANG, San-Yih. (2003.0). *Database and Expert Systems Applications: 14th International Conference, DEXA 2003, Prague, Czech Republic, September 1-5: Proceedings*, (pp. 287-296) Prague, Czech Republic: Springer Verlag. [http://doi.org/10.1007/978-3-540-45227-0\\_29](http://doi.org/10.1007/978-3-540-45227-0_29) (Published)
- Towards a role-based metadata scheme for educational digital libraries: A case study in Singapore, by ISMAIL, Dian Melati Md; YIN, Ming; THENG, Yin-Leng; GOH, Dion Hoe-Lian; LIM, Ee Peng. (2003.0). *Research and Advanced Technology for Digital Libraries: 7th European Conference, ECDL 2003, Trondheim, Norway, August 17-22: Proceedings*, (pp. 41-51) Berlin: Springer. [https://doi.org/10.1007/978-3-540-45175-4\\_5](https://doi.org/10.1007/978-3-540-45175-4_5) (Published)
- Using support vector machines for terrorism information extraction, by SUN, Aixin; NAING, Myo-Myo; LIM, Ee Peng; LAM, Wai. (2003.0). *Intelligence and Security Informatics: First NSF/NIJ Symposium, ISI 2003, Tucson, AZ, USA, June 2-3, 2003: Proceedings*, (pp. 1-12) Berlin: Springer Verlag. [http://doi.org/10.1007/3-540-44853-5\\_1](http://doi.org/10.1007/3-540-44853-5_1) (Published)
- On querying geospatial and georeferenced metadata resources in GPortal, by LIU, Zehua; LIM, Ee Peng; NG, Wee-Keong; GOH, Dion Hoe-Lian. (2003.0). *2003 Joint Conference on Digital Libraries : Proceedings : May 27-31, 2003, Rice University, Houston, Texas, USA*, (pp. 245-) Los Alamitos, Calif.: IEEE. <http://doi.ieeecomputersociety.org/10.1109/JCDL.2003.10012> (Published)
- ENAXS: Efficient native XML storage system, by WIN, Khin-Myo; NG, Wee-Keong; LIM, Ee Peng. (2003.0). *Web technologies and applications : 5th Asia-Pacific Web Conference, APWeb 2003, Xian, China, April 23 - 25, 2003 ; proceedings*, (pp. 59-70) Xi'an, China: Springer Verlag. [http://doi.org/10.1007/3-540-36901-5\\_6](http://doi.org/10.1007/3-540-36901-5_6) (Published)
- An architectural framework for native XML data management, by WIN, Khin-Myo; NG, Wee-Keong; LIM, Ee Peng. (2003.0). *CW 2003 : 2003 International Conference on Cyberworlds : proceedings : 3-5 November, 2003, Singapore*, (pp. 302-310) Los Alamitos, Calif.: IEEE. <http://doi.ieeecomputersociety.org/10.1109/CYBER.2003.1253469> (Published)
- A data mining approach to new library book recommendations, by HWANG, San-Yih; LIM, Ee Peng. (2002.0). *Digital Libraries: People, Knowledge, and Technology: 5th International Conference on Asian Digital Libraries, ICADL 2002 Singapore, December 11-14, 2002 Proceedings*, (pp. 229-240) Berlin Heidelberg: Springer Verlag. [http://doi.org/10.1007/3-540-36227-4\\_23](http://doi.org/10.1007/3-540-36227-4_23) (Published)
- Resource annotation framework in a georeferenced and geospatial digital library, by LIU, Zehua; LIM, Ee Peng; GOH, Dion Hoe-Lian. (2002.0). *Digital Libraries: People, Knowledge, and Technology: 5th International Conference on Asian Digital Libraries, ICADL 2002 Singapore, December 11-14: Proceedings*, (pp. 287-298) Berlin: Springer. [https://doi.org/10.1007/3-540-36227-4\\_32](https://doi.org/10.1007/3-540-36227-4_32) (Published)
- Online and incremental mining of separately-grouped web access logs, by WOON, Yew-Kwong; NG, Wee-Keong; LIM, Ee Peng. (2002.0). *Proceedings of the third International Conference on Web Information Systems Engineering: WISE 2002: 12-14 December 2002, Singapore*, (pp. 53-62) Los Alamitos, CA: IEEE Computer Society. <http://doi.ieeecomputersociety.org/10.1109/WISE.2002.1181643> (Published)

- Intergenerational partnerships in the design of a digital library of geography examination resources, by THENG, Yin-Leng; GOH, Dion Hoe-Lian; LIM, Ee Peng; LIU, Zehua; PANG, Natalie Lee-San; Wong, Patricia Bao-Bao; CHUA, Lian-Heong. (2002.0). *Digital Libraries: People, Knowledge, and Technology: 5th International Conference on Asian Digital Libraries, ICADL 2002 Singapore, December 11-14, 2002 Proceedings*, (pp. 427-439) Singapore: Springer Verlag. [http://doi.org/10.1007/3-540-36227-4\\_51](http://doi.org/10.1007/3-540-36227-4_51) (Published)
- A visual tool for building logical data models of websites, by LIU, Zehua; NG, Wee-Keong; LI, Feifei; LIM, Ee Peng. (2002.0). *Proceedings of the 4th International Workshop on Web Information and Data Management: WIDM '02, McLean, Virginia, November 08, 2002.*, (pp. 92-95) New York, NY: ACM. <http://doi.org/10.1145/584931.584951> (Published)
- Web classification using Support Vector Machine, by SUN, Aixin; LIM, Ee Peng. (2002.0). *Proceedings of the Fourth International Workshop on Web Information and Data Management (WIDM 2002) November 8, 2002, SAIC Headquarters, McLean, Virginia, November*, (pp. 96-99) New York, NY: ACM. <http://doi.org/10.1145/584931.584952> (Published)
- Personalized classification for keyword-based category profiles, by SUN, Aixin; LIM, Ee Peng; NG, Wee-Keong. (2002.0). *Research and Advanced Technology for Digital Libraries: 6th European Conference, ECDL 2002 Rome, Italy, September 16-18, 2002 Proceedings*, (pp. 61-74) Rome: Springer Verlag. [http://doi.org/10.1007/3-540-45747-X\\_5](http://doi.org/10.1007/3-540-45747-X_5) (Published)
- G-portal: A map-based digital library for distributed geospatial and georeferenced resources, by LIM, Ee Peng; GOH, Dion Hoe-Lian. (2002.0). *JCDL '02: Proceedings of the Second ACM/IEEE-CS Joint Conference on Digital Libraries: Portland, OR, July 14-18*, (pp. 351-358) New York: ACM. <https://doi.org/10.1145/544220.544307> (Published)
- A digital library for geography examination resources, by CHUA, Lian-Heong; GOH, Dion Hoe-Lian; LIU, Zehua; LIM, Ee Peng; ANG, Rebecca Pei-Hui. (2002.0). *Proceedings of the Second ACM/IEEE-CS Joint Conference on Digital Libraries : 2002, Portland, Oregon, USA, July 14-18, 2002*, (pp. 115-116) New York, NY, USA: ACM. <http://doi.org/10.1145/544220.544241> (Published)
- A case for analytical customer relationship management, by SRIVASTAVA, Jaideep; WANG, Jau-Hwang; LIM, Ee Peng; HWANG, San-Yih. (2002.0). *PAKDD '02: Proceedings of the 6th Pacific-Asia Conference on Advances in Knowledge Discovery and Data Mining, May 6-8, Taipei*, (pp. 14-27) Cham: Springer. [https://doi.org/10.1007/3-540-47887-6\\_3](https://doi.org/10.1007/3-540-47887-6_3) (Published)
- Mining relationship graphs for effective business objectives, by ONG, Kok-Leong; LIM, Ee Peng; NG, Wee-Keong. (2002.0). *PAKDD '02 Proceedings of the 6th Pacific-Asia Conference on Advances in Knowledge Discovery and Data Mining*, (pp. 561-566) Berlin ; New York: Springer Verlag. [https://doi.org/10.1007/3-540-47887-6\\_56](https://doi.org/10.1007/3-540-47887-6_56) (Published)
- Hierarchical text classification and evaluation, by SUN, Aixin; LIM, Ee Peng. (2001.0). *IEEE International Conference on Data Mining, 29 November-2 December 2001, San Jose, California: Proceedings*, (pp. 521-528) Los Alamitos, Calif.: IEEE. <http://doi.org/10.1109/ICDM.2001.989560> (Published)
- Cooperative multi-attribute bilateral online negotiation for e-commerce, by ZHAO, Lei; NG, Wee Keong; LIM, Ee Peng. (2001.0). *12th International Conference on Database and Expert System Applications: Proceedings: 3-7 September, 2001, Munich, Germany*, (pp. 703-) Los Alamitos, CA: IEEE Computer Society. <http://doi.ieeecomputersociety.org/10.1109/DEXA.2001.953140> (Published)
- Query integration for refreshing web views, by LIU, Haifeng; NG, Wee-Keong; LIM, Ee Peng. (2001.0). *Database and Expert Systems Applications: 12th International Conference, DEXA 2001 Munich, Germany, September 3-5: Proceedings*, (pp. 557-566) Berlin Heidelberg: Springer Verlag. [http://doi.org/10.1007/3-540-44759-8\\_55](http://doi.org/10.1007/3-540-44759-8_55) (Published)
- ViDE: A visual data extraction environment for the Web, by LI, Yi; NG, Wee-Keong; LIM, Ee Peng. (2001.0). *Database and Expert Systems Applications: 12th International Conference, DEXA 2001 Munich, Germany, September 3-5: Proceedings*, (pp. 577-586) Munich, Germany: Springer Verlag. [http://doi.org/10.1007/3-540-44759-8\\_57](http://doi.org/10.1007/3-540-44759-8_57) (Published)
- On warehousing historical Web information, by CAO, Yinyan; LIM, Ee Peng; NG, Wee-Keong. (2000.0). *Conceptual Modeling - ER 2000: 19th International Conference on Conceptual Modeling, Salt Lake City, Utah, October 9-12: Proceedings*, (pp. 253-266) Salt Lake City, UT: Springer Verlag. [http://doi.org/10.1007/3-540-45393-8\\_19](http://doi.org/10.1007/3-540-45393-8_19) (Published)

Storage management of a historical web warehousing system, by CAO, Yinyan; LIM, Ee Peng; NG, Wee-Keong. (2000.0). *Database and Expert Systems Applications: 11th International Conference, DEXA 2000 London, September 4-8: Proceedings*, (pp. 457-466) Berlin Heidelberg: Springer Verlag. [http://doi.org/10.1007/3-540-44469-6\\_43](http://doi.org/10.1007/3-540-44469-6_43) (Published)

Financial advisor agent in a multi-agent financial trading system, by PANDEY, Vikrant; NG, Wee-Keong; LIM, Ee Peng. (2000.0). *International Workshop on Agent-Based Information Systems (ABIS 2000), held in conjunction with the 11th International Conference on Database and Expert System Applications (DEXA'2000)*, Greenwich, UK, IEEE Computer Society Press: IEEE. <https://doi.org/10.1109/DEXA.2000.875070> (Published)

Keeping a very large website up-to-date: Some feasibility results, by LIU, Haifeng; NG, Wee-Keong; LIM, Ee Peng. (2000.0). *Electronic Commerce and Web Technologies: First International Conference, EC-Web 2000 London, UK, September 4-6, 2000 Proceedings*, (pp. 399-408) Greenwich, UK, Springer Verlag Verlag: Springer Verlag. [http://doi.org/10.1007/3-540-44463-7\\_35](http://doi.org/10.1007/3-540-44463-7_35) (Published)

Reducing cognitive overheads in a web warehouse using reverse-osmosis, by BHOWMICK, Sourav S.; NG, Wee-Keong; LIM, Ee Peng. (2000.0). *7th International Conference on Parallel and Distributed Systems (ICPADS-2000)*, Iwate Prefectural University, IEEE Computer Society Press: IEEE. <https://doi.org/10.1109/ICPADS.2000.857696> (Published)

eBroker: An agent-based query routing system for distributed E-commerce databases, by LIN, Yong; LIM, Ee Peng; NG, Wee-Keong. (2000.0). *7th International Conference on Parallel and Distributed Systems (ICPADS 2000)*, Iwate Prefectural University, IEEE Computer Society Press: IEEE. <https://doi.org/10.1109/ICPADS.2000.857737> (Published)

DTD-Miner: A tool for mining DTDs from XML documents, by HUE, Moh Chuang; LIM, Ee Peng; NG, Wee-Keong. (2000.0). *WECWIS 2000: Second International Workshop on Advanced Issues of E-Commerce and Web-based Information Systems, June 8-9, Milpitas, California*, (pp. 144-151) Los Alamitos, CA: IEEE Computer Society. <https://doi-ieee.computersociety.org/10.1109/WECWIS.2000.853869> (Published)

Re-engineering structures from web documents, by HUE, Moh Chuang; LIM, Ee Peng; NG, Wee-Keong. (2000.0). *ACM 2000 digital libraries : proceedings of the fifth ACM Conference on Digital Libraries ; June 2 - 7, 2000, San Antonio, Texas, USA.*, (pp. 67-76) San Antonio, Texas: ACM. <https://doi.org/10.1145/336597.336638> (Published)

Detecting and representing relevant web deltas using web join, by BHOWMICK, Sourav S.; NG, Wee-Keong; MADRIA, Sanjay Kumar; LIM, Ee Peng. (2000.0). *20th International Conference on Distributed Computing Systems : proceedings : Taipei, Taiwan, April 10-13, 2000*, (pp. 246-) Los Alamitos, Calif.: IEEE. <http://doi.ieee.computersociety.org/10.1109/ICDCS.2000.840935> (Published)

An integrated data mining system to automate discovery of measures of association, by CHUA, Cecil; CHIANG, Roger H. L.; LIM, Ee Peng. (2000.0). *Proceedings of the 33rd Hawaii International Conference on System Sciences (HICSS): January 4-7, 2000, Maui, HI*, (pp. 1-10) Piscataway: IEEE. <https://doi.org/10.1109/HICSS.2000.926650> (Published)

Algebraic operations on bags in a web warehouse, by BHOWMICK, Sourav S.; MADRIA, Sanjay Kumar; NG, Wee-Keong; LIM, Ee Peng. (1999.0). *Proceedings of the 5th International Computer Science Conference on Internet Applications (ICSC '99)*, (pp. 63-72) Hong Kong, Dec 13-15: ACM. <http://dl.acm.org/citation.cfm?id=757801> (Published)

ZBroker: A query routing broker for Z39.50 databases, by LIN, Yong; XU, Jian; LIM, Ee Peng; NG, Wee-Keong. (1999.0). *Proceedings of the Eighth International Conference on Information and Knowledge Management : November 2 - 6, 1999, Kansas City, Missouri*, (pp. 202-209) Kansas City, Missouri, USA: ACM. <http://doi.org/10.1145/319950.319979> (Published)

Cluster-based database selection techniques for routing bibliographic queries, by XU, Jian; LIM, Ee Peng; NG, Wee-Keong. (1999.0). *Database and Expert Systems Applications: 10th International Conference, DEXA '99 Florence, Italy, August 30 - September 3, 1999: Proceedings*, (pp. 100-109) Berlin ; New York: Springer Verlag. [http://doi.org/10.1007/3-540-48309-8\\_9](http://doi.org/10.1007/3-540-48309-8_9) (Published)

Calling all agents, where are you?, by ONG, Kok-Leong; CHEW, Christopher; NG, Wee-Keong; LIM, Ee Peng. (1999.0). *Proceedings of the 10th International Workshop on Database and Expert Systems Applications*, (pp. 635-639) Florence, Italy: IEEE. <http://doi.org/10.1109/DEXA.1999.795259> (Published)



Research issues in web data mining, by MADRIA, Sanjay Kumar; BHOWMICK, Sourav S.; NG, Wee-Keong; LIM, Ee Peng. (1999.0). *Data Warehousing and Knowledge Discovery: First International Conference, DaWaK '99 Florence, Italy, August 30-September 1, 1999: Proceedings*, (pp. 303-312) Berlin, Heidelberg: Springer Verlag. [http://doi.org/10.1007/3-540-48298-9\\_32](http://doi.org/10.1007/3-540-48298-9_32) (Published)

Locating web information using web checkpoints, by LUAH, Aik Kee; NG, Wee-Keong; LIM, Ee Peng; LEE, Wee Peng; CAO, Yinyan. (1999.0). *International Workshop on Internet Data Management (IDM'99), in conjunction with DEXA'99*, Florence, Italy, Sep 2: (Published)

Non-repudiation in an agent-based e-commerce system, by LIEW, Chin Chuan; NG, Wee-Keong; LIM, Ee Peng; TAN, Beng Suang; ONG, Kok-Leong. (1999.0). *International Workshop on Electronic Commerce and Security, in conjunction with DEXA'09*, Florence, Italy, Sep 2: IEEE. <https://doi.org/10.1109/DEXA.1999.795295> (Published)

WEDAGEN: A synthetic web database generator, by PRIYADARSHINI, Pallavi; QIN, Fengqiong; LIM, Ee Peng; NG, Wee-Keong. (1999.0). *International Workshop of Internet Data Management (IDM'99), in conjunction with DEXA'99*, Florence, Italy, Sep 2: IEEE. <https://doi.org/10.1109/DEXA.1999.795277> (Published)

Cost-benefit analysis of bags in a web warehouse, by BHOWMICK, Sourav S.; MADRIA, Sanjay Kumar; NG, Wee-Keong; LIM, Ee Peng. (1999.0). *IDEAS'99: International Database Engineering and Applications Symposium: proceedings: August 2-4, 1999, Montreal, Canada*, (pp. 34-42) Montreal, Canada, Aug 2-4: IEEE. <http://doi.org/10.1109/IDEAS.1999.787249> (Published)

Pi-web join in a Web Warehouse, by BHOWMICK, Sourav S.; MADRIA, Sanjay Kumar; NG, Wee-Keong; LIM, Ee Peng. (1999.0). *DASFAA '99: Proceedings of the 6th International Conference on Database Systems for Advanced Applications, Hsinchu, Taiwan, April 19-21*, (pp. 255-262) New York: ACM. (Published)

Data visualization in a web warehouse, by BHOWMICK, Sourav S.; MADRIA, Sanjay K.; NG, Wee-Keong; LIM, Ee Peng. (1998.0). *Advances in database technologies: ER '98 Workshops on Data Warehousing and Data Mining, Mobile Data Access, and Collaborative Work Support and Spatio Temporal Data Management, Singapore, November 19 - 20, Proceedings*, (pp. 68-80) Berlin: Springer. [https://doi.org/10.1007/978-3-540-49121-7\\_6](https://doi.org/10.1007/978-3-540-49121-7_6) (Published)

A global object model for accommodating instance heterogeneities, by LIM, Ee Peng; CHIANG, Roger Hsiang-Li. (1998.0). *Conceptual Modelling ER '98: Proceedings of the 17th International Conference on Conceptual Modeling, Singapore, November 16-19*, (pp. 435-448) Berlin: Springer Verlag. [http://doi.org/10.1007/978-3-540-49524-6\\_34](http://doi.org/10.1007/978-3-540-49524-6_34) (Published)

Information coupling in web databases, by BHOWMICK, Sourav S.; NG, Wee-Keong; LIM, Ee Peng. (1998.0). *Conceptual Modeling - ER '98: 17th International Conference on Conceptual Modelling, Singapore, 16-19 November 1998: Proceedings*, (pp. 92-106) Singapore, Nov 16-19: Springer Verlag. [http://doi.org/10.1007/978-3-540-49524-6\\_8](http://doi.org/10.1007/978-3-540-49524-6_8) (Published)

A heuristic method for correlating attribute group pairs in data mining, by LIM, Ee Peng; CHIANG, Roger Hsiang-Li; CHUA, Cecil. (1998.0). *International Workshop on Data Warehousing and Data Mining (DWDM'98), held in conjunction with International Conference on Conceptual Modeling (ER'98)*, Singapore, Nov 20: (Published)

Web Warehousing System: Design and issues, by NG, Wee-Keong; LIM, Ee Peng; BHOWMICK, Sourav S.; MADRIA, Sanjay Kumar. (1998.0). *International Workshop on Data Warehousing and Data Mining (DWDM'98), held in conjunction with International Conference on Conceptual Modeling (ER'98)*, Singapore, Nov 20: Springer Verlag. [http://doi.org/10.1007/978-3-540-49121-7\\_8](http://doi.org/10.1007/978-3-540-49121-7_8) (Published)

Database selection techniques for routing bibliographic queries, by LIM, Ee Peng; NG, Wee-Keong; XU, Jian; CAO, Yinyan. (1998.0). *Digital libraries 98: the Third ACM Conference on Digital Libraries, June 23-26, 1998, Pittsburgh, PA*, (pp. 264-274) New York: ACM. <https://doi.org/10.1145/276675.276707> (Published)

Querying structured web resources, by LIM, Ee Peng; TAN, Cheng Hai; LIM, Boon Wan; NG, Wee-Keong. (1998.0). *DL '98: Proceedings of the 3d ACM Conference on Digital Libraries, June 23-26, Pittsburgh*, (pp. 297-298) New York: ACM. <https://doi.org/10.1145/276675.276742> (Published)

Web Warehousing: An algebra for the World Wide Web, by NG, Wee-Keong; LIM, Ee Peng; HUANG, Chee Thong; BHOWMICK, Sourav S.; QIN, Fengqiong. (1998.0). *Third IEEE International Conference on Advances in Digital Libraries (ADL '98)*, (pp. 228-237) Santa Barbara, USA, Apr 22-24: IEEE. <https://doi.org/10.1109/ADL.1998.670423> (Published)

- A relational interface for heterogeneous information sources, by NG, Wee Keong; LIM, Ee Peng. (1997.0). *IEEE International Conference on Advances in Digital Libraries ADL '97: May 7-9, 1997, Santa Barbara: Proceedings*, (pp. 128-139) Los Alamitos, CA: IEEE Computer Society. <http://doi.ieeecomputersociety.org/10.1109/ADL.1997.601208> (Published)
- Framework and knowledge for database integration, by LIM, Ee Peng; CHIANG, Roger Hsiang-Li. (1997.0). *Managing Information Technology Resources and Applications in the World Economy: Proceedings of the 1997 Information Resources Management Association International Conference, Vancouver, BC*, (pp. 218-224) Hershey, PA: Idea Group. <http://www.worldcat.org/isbn/9781878289452> (Published)
- Distributed query processing for structured and bibliographic databases, by LIM, Ee Peng; LU, Ying. (1997.0). *Database Systems for Advanced Applications '97: Proceedings of the Fifth International Conference on Database Systems for Advanced Applications: Melbourne, April 1-4, 1997*, (pp. 441-450) Singapore: World Scientific. [http://doi.org/10.1142/9789812819536\\_0046](http://doi.org/10.1142/9789812819536_0046) (Published)
- Balance response time in a multiserver information system environment, by LEE, Francis Bu Sung; CAI, Wen Tong; LIM, Ee Peng. (1997.0). *Applied Informatics: Proceedings of the 15th IASTED International Conference, Innsbruck, Austria, 18-20 February 1997*, (pp. 201-204) Anaheim, CA: Idea Group. <http://www.worldcat.org/isbn/9780889862197> (Published)
- Export Database Derivation Approach for supporting Object-Oriented wrapper queries, by LIM, Ee Peng; LEE, Hon-Kuan. (1996.0). *Cooperative databases and applications: Proceedings of the International Symposium on Cooperative Database Systems for Advanced Applications, Kyoto, Japan, December 5-7, 1996*, (pp. 337-346) Singapore: World Scientific. <http://worldcat.org/isbn/9789810231613> (Published)
- On integrating existing bibliographic databases and structured databases, by LU, Ying; LIM, Ee Peng. (1996.0). *Proceedings of the 20th Annual International Computer Software and Applications Conference COMPSAC '96, August 21-23, 1996, Seoul, Korea*, (pp. 214-219) Los Alamitos, Calif.: IEEE. <http://doi.ieeecomputersociety.org/10.1109/COMPSAC.1996.544165> (Published)
- Specifying Object-Oriented federated database from existing databases, by LIM, Ee Peng; LIM, Meng Liang; SRIVASTAVA, Jaideep. (1996.0). *Intelligent information management systems: Proceedings of the IASTED/ISMM International Conference, June 5-7, 1996, Washington, DC*, Anaheim, CA: IASTED. <http://citeseerx.ist.psu.edu/viewdoc/summary?doi=10.1.1.30.6539> (Published)
- The MYRIAD federated database prototype, by HWANG, San-Yih; LIM, Ee-Peng; YANG, H. R.; MUSUKULA, S.; MEDIRATTA, K.; GANESH, M.; CLEMENTS, D.; STENOIEN, J.; SRIVASTAVA, Jaideep. (1994.0). *SIGMOD '94: Proceedings of the ACM SIGMOD International Conference on Management of Data: Minneapolis, May 24-27*, (pp. 518-518) New York: ACM. <https://doi.org/10.1145/191839.191986> (Published)
- Resolving attribute incompatibility in database integration: An evidential reasoning approach, by LIM, Ee Peng; SRIVASTAVA, Jaideep; SHEKHAR, Shashi. (1994.0). *10th International Conference on Data Engineering: Proceedings: February 14-18, 1994, Houston, Texas*, (pp. 154-163) Los Alamitos, CA: IEEE Computer Society. <http://doi.org/10.1109/ICDE.1994.283022> (Published)
- Asynchronous transaction commitment in federated database systems, by HWANG, San-Yih; LIM, Ee Peng; SRIVASTAVA, Jaideep. (1993.0). *ICPADS '93: International Conference on Parallel and Distributed Systems, December 15-17, 1993, Taipei: Proceedings*, (pp. 440-444) Taipei: National Taiwan University. (Published)
- Multiple Query Optimization with Depth-First Branch-and-Bound, by COSAR, Ahmet; LIM, Ee Peng; SRIVASTAVA, Jaideep. (1993.0). *CIKM '93: Proceedings of the 2nd International Conference on Information and Knowledge Management, November 1-5, 1993, Washington, DC*, (pp. 433-438) New York: ACM. <http://doi.org/10.1145/170088.170181> (Published)
- Query optimization and processing in Federated Database Systems, by LIM, Ee Peng; SRIVASTAVA, Jaideep. (1993.0). *CIKM '93: Proceedings of the 2nd International Conference on Information and Knowledge Management, November 1-5, 1993, Washington, DC*, (pp. 720-722) New York: ACM. <http://doi.org/10.1145/170088.170469> (Published)
- Entity identification in database integration: An evidential reasoning approach, by LIM, Ee-Peng; SRIVASTAVA, Jaideep. (1993.0). *Proceedings of the International Symposium on Next Generation Database Systems and their Applications, Fukuoka, Japan, September 1996*, (pp. 151-158) Fukuoka, Japan: NDA. (Published)
- Entity identification in database integration, by LIM, Ee-Peng; SRIVASTAVA, Jaideep; PRABHAKAR, Satya;

RICHARDSON, James. (1993.0). *9th International Conference on Data Engineering: Proceedings: April 19-23, 1993, Vienna, Austria*, (pp. 294-301) Los Alamitos, CA: IEEE Computer Society. <https://doi.org/10.1109/ICDE.1993.344053> (Published)

Federated Autonomous Databases: Project overview, by PRABHAKAR, Satya; HUANG, Jiandong; RICHARDSON, James; SRIVASTAVA, Jaideep; LIM, Ee Peng; HWANG, San-Yih; NAVATHE, Sham; ASHOKA, Savasare; FORESTI, Mark. (1993.0). *RIDE-IMS '93: Third International Workshop on Research Issues in Data Engineering: April 19-20, 1993, Vienna, Austria: Proceedings*, (pp. 216-219) Los Alamitos, CA: IEEE Computer Society. <https://doi.org/10.1109/RIDE.1993.281921> (Published)

Instance-level integration in federated autonomous databases, by PRABHAKAR, Satya; RICHARDSON, James; SRIVASTAVA, Jaideep; LIM, Ee Peng. (1993.0). *Proceedings of the 26th Hawaii International Conference on System Sciences: January 5-8, 1993, Wailea, HI*, (pp. 62-69) Los Alamitos, CA: IEEE Computer Society. <https://doi.org/10.1109/HICSS.1993.284285> (Published)

An exhaustive search for optimal multiple query plan, by LIM, Ee Peng; SRIVASTAVA, Jaideep; COSAR, Ahmet; BARAY, Mehmet; OZGUC, Bulent. (1991.0). *International Symposium on Computer and Information Sciences, Antalya, Turkey, 1991, October 30 - November 2*, Antalya, Turkey: Elsevier, Amsterdam, New York. <http://worldcat.org/isbn/97804444890672> (Accepted)

### Conference Papers

Mining fraudulent patterns in online advertising, by OENTARYO, Richard J.; LIM, Ee Peng. (2013.0). *First International Network on Trust (FINT) Workshop 2013, November 21-23*, Singapore. (Presented)

Structural analysis in multi-relational social networks, by DAI, Bingtian; CHUA, Freddy; LIM, Ee Peng. (2012.0). *SIAM International Conference on Data Mining (SDM2012)*, Anaheim, California. [http://www.siam.org/meetings/sdm12/sdm12\\_abstracts.pdf](http://www.siam.org/meetings/sdm12/sdm12_abstracts.pdf) (Published)

A survey of information diffusion models and relevant problems, by LUU, Minh Duc; HOANG, Tuan Anh; LIM, Ee Peng. (2011.0). *International Conference on Asia-Pacific Digital Libraries 13th ICADL 2011, October 24-27*, Beijing, China. (Presented)

Virality modeling and analysis, by HOANG, Tuan-Anh; LIM, Ee-Peng. (2011.0). *International Conference on Asia-Pacific Digital Libraries 13th ICADL 2011, October 24-27*, Beijing, China. (Presented)

Using social annotations for trend discovery in scientific publications, by HU, Meiqun; LIM, Ee Peng; JIANG, Jing. (2011.0). *Workshop on Human-Computer Interaction and Information Retrieval 5th HCIR 2011, October 20*, Mountain View, CA. (Presented)

Predicting outcome for collaborative featured article nomination in Wikipedia, by HU, Meiqun; LIM, Ee Peng; KRISHNAN, Ramayya. (2009.0). *3rd International AAAI Conference on Weblogs and Social Media*, San Jose. <http://www.aaai.org/ocs/index.php/ICWSM/09/paper/view/231/410> (Published)

Searching blogs and news: A study on popular queries, by SUN, Aixin; HU, Meishan; LIM, Ee Peng. (2008.0). *31st Annual International ACM SIGIR Conference on Research and Development on Information Retrieval (SIGIR 2008)*, Singapore. [http://www.cais.ntu.edu.sg/~axsun/paper/sun\\_sigir08p.pdf](http://www.cais.ntu.edu.sg/~axsun/paper/sun_sigir08p.pdf) (Published)

A multitude of opinions: Mining online rating data, by LAUW, Hady W.; LIM, Ee Peng. (2007.0). *National Science Foundation Symposium on Next Generation of Data Mining and Cyber-Enabled Discovery for Innovation NGDM 2007, October 10-12*, Baltimore, MD. (Presented)

On composing a reliable composite web service: A study of dynamic web service selection, by HWANG, San-Yih; LIM, Ee Peng; LEE, Chien-Hsiang; CHEN, Cheng-Hung. (2007.0). *International Conference on Web Services (ICWS'2007)*, Salt Lake City, Utah, USA. <http://doi.org/10.1109/ICWS.2007.133> (Published)

Defining a research agenda for geographical learning tasks with G-portal digital library, by HEDBERG, John; CHANG, Chew-Hung; LIM, Ee Peng; TEH, Tiong-Sa; SUN, Aixin; GOH, Dion Hoe-Lian; THENG, Yin-Leng. (2006.0). *International Conference on Educational Technology 2004*, National Institute of Education, Singapore. <http://repository.nie.edu.sg/jspui/handle/10497/2280> (Published)

Web Mining - The Ontology Approach, by LIM, Ee Peng; SUN, Aixin. (2005.0). *International Advanced Digital Library Conference (IADLC)*, Nagoya. <http://citeseerx.ist.psu.edu/viewdoc/summary?doi=10.1.1.109.5061> (Published)

A survey of ontology-based web annotation, by NAING, Myo-Myo; LIM, Ee Peng; GOH, Dion Hoe-Lian.

(2003.0). *First International Conference on Computer Applications*, Yangon, Myanmar. <http://citeseerx.ist.psu.edu/viewdoc/summary?doi=10.1.1.135.9910> (Published)

VDL: A language for active mining variants of association rules, by ONG, Kok-Leong; NG, Wee-Keong; LIM, Ee Peng. (2002.0). *International Workshop on Active Mining AM 2002, in conjunction with the IEEE International Conference on Data Mining ICDM 2002, 9-12 December*, Maebashi City, Japan. <http://citeseerx.ist.psu.edu/viewdoc/summary?doi=10.1.1.19.3104> (Published)

CrystalClear: Active visualization of association rules, by ONG, Hian-Huat; ONG, Kok-Leong; NG, Wee-Keong; LIM, Ee Peng. (2002.0). *International Workshop on Active Mining AM 2002, in conjunction with the IEEE International Conference on Data Mining ICDM 2002, 9-12 December*, Maebashi City, Japan. <http://citeseerx.ist.psu.edu/viewdoc/summary?doi=10.1.1.13.6141> (Published)

HCL: A specification language for hierarchical text classification, by SUN, Aixin; LIM, Ee Peng; NG, Wee-Keong. (2002.0). *2nd International Workshop on Cooperative Internet Computing (CIC 2002), in Conjunction with the International Conference on Very Large Databases*, Hong Kong. <http://citeseerx.ist.psu.edu/viewdoc/summary?doi=10.1.1.5.6914> (Published)

A flexible classification scheme for metadata resources, by LIM, Ee Peng; LIU, Zehua; GOH, Dion Hoe-Lian. (2002.0). *International Conference on Digital Library: IT Opportunities and Challenges*, Beijing. <http://citeseerx.ist.psu.edu/viewdoc/summary?doi=10.1.1.20.3885> (Published)

Digital libraries to knowledge portals: Towards a global knowledge portal for Secondary Schools in Singapore, by THENG, Yin-Leng; GOH, Dion Hoe-Lian; LEE, Chu Keong; LIM, Ee Peng; LIU, Zehua. (2002.0). *International Conference on Digital Library- IT Opportunities and Challenges*, Beijing. <http://citeseerx.ist.psu.edu/viewdoc/summary?doi=10.1.1.130.3333> (Published)

Automated online news classification with personalization, by CHAN, Chee-Hong; SUN, Aixin; LIM, Ee Peng. (2001.0). *4th International Conference on Asian Digital Libraries*, Bangalore, India. <http://citeseerx.ist.psu.edu/viewdoc/summary?doi=10.1.1.5.9913> (Published)

Mining multi-level rules with recurrent items using FP'-Tree, by ONG, Kok-Leong; NG, Wee-Keong; LIM, Ee Peng. (2001.0). *Third International Conference on Information Communications and Signal Processing (ICICS 2001)*, Singapore, Oct 15-18. <http://citeseerx.ist.psu.edu/viewdoc/summary?doi=10.1.1.16.4540> (Published)

Web Bags: Are they useful in a web warehouse?, by BHOWMICK, Sourav S.; MADRIA, Sanjay Kumar; NG, Wee-Keong; LIM, Ee Peng. (1998.0). *5th International Conference on Foundations of Data Organizations (FODO'98)*, Kobe, Japan. <http://citeseerx.ist.psu.edu/viewdoc/summary?doi=10.1.1.49.7833> (Published)

Design and implementation of a maritime conflict prediction system, by NG, Wee-Keong; LIM, Ee Peng; HSU, Wen Jing; CAO, YY. (1998.0). *International Electronic Chart Display and Information System (ECDIS) Conference*, Singapore, Oct 26-28. <http://citeseerx.ist.psu.edu/viewdoc/summary?doi=10.1.1.51.6451> (Published)

Join processing in web databases, by BHOWMICK, Sourav S.; NG, Wee-Keong; LIM, Ee Peng. (1998.0). *9th International Conference and Workshop on Database and Expert Systems Applications (DEXA'98)*, Austria, Aug 24-28. <http://portal.acm.org/citation.cfm?id=761610> (Published)

A data warehousing system for web information, by LIM, Ee Peng; NG, Wee-Keong; BHOWMICK, Sourav S.; QIN, Fengqiong; Ye, X.. (1998.0). *First Asia Digital Library Workshop*, Hong Kong, Aug 5-7. (Published)

Source-aware multidatabase query processing, by LIM, Ee Peng; CAO, Yinyan; CHIANG, Roger Hsiang-Li. (1997.0). *International CAISE97 Workshop: Engineering Federated Database Systems*, Vancouver, B.C. Canada. <http://citeseerx.ist.psu.edu/viewdoc/summary?doi=10.1.1.56.5170> (Published)

LibSearch: A window-based frontend to remote bibliographic databases on the internet, by LIM, Ee Peng; CHENG, Soo-Yin. (1996.0). *International Workshop on the Interfaces to Databases (IDS '96)*, Edinburgh, UK. <http://citeseerx.ist.psu.edu/viewdoc/summary?doi=10.1.1.29.4497> (Published)

Two-phase approach to multiple query optimization, by LIM, Ee Peng; SRIVASTAVA, Jaideep; COSAR, Ahmed. (1992.0). *Conference on Management of Data 1992, December 17-20*, Bangalore. (Presented)

Enforcing naming standards for integrated data management and administration, by PRABHAKAR, S.; FIKE, T.; MIKKILINENI, K.; SASTRY, M.; SHURSLEP, L.; SLOCUM, B.; LIM, Ee Peng. (1991.0). *International Conference on Management of Data 1991, December 12-14*, Bombay, India. (Presented)

Specification and synchronization of multimedia information, by KIM, Woosaeng; LIM, Ee Peng; SRIVASTAV, Jaideep. (1991.0). *IEEE Workshop on Architectures for Real-Time Systems 1991, December 4-6*, San Antonio, TX. (Presented)

### Edited Conference Proceedings

*Conceptual Modeling: 38th International Conference, ER 2019, Salvador, Brazil, November 4-7: Proceedings*, edited by Laender, Alberto H. F.; Pernici, Barbara; Lim, Ee-Peng; de Oliveira, José Palazzo M.. (07/11/2019). Lecture Notes in Computer Science, 11788. Cham: Springer. <https://doi.org/10.1007/978-3-030-33223-5> (Published)

*2015 IEEE/WIC/ACM International joint conference on web intelligence and intelligent agent technology: WI-IAT 2015: December 6-9, Singapore: Proceedings*, edited by LIM, Ee Peng; TAN, Ah-Hwee; LI, Yuefeng; SUZUKI, Einoshin; LOW, Bryan Kian Hsiang; WATSON, Jason. (30/01/2016). Los Alamitos, CA: IEEE Computer Society. <http://worldcat.org/isbn/9781467396172> (Published)

*Advances in knowledge discovery and data mining Part II*, edited by CAO, Tru; LIM, Ee Peng; ZHOU, Zhi-Hua; HO, Tu-Bao; CHEUNG, David Wai-Lok; MOTODA, Hiroshi. (22/05/2015). Lecture Notes in Computer Science, 9078. Cham: Springer Verlag. <http://doi.org/10.1007/978-3-319-18032-8> (Published)

*Advances in knowledge discovery and data mining*, edited by CAO, Tru; LIM, Ee Peng; ZHOU, Zhi-Hua; HO, Tu-Bao; CHEUNG, David Wai-Lok; MOTODA, Hiroshi. (19/05/2015). Lecture Notes in Computer Science, 9077. Cham: Springer Verlag. <http://doi.org/10.1007/978-3-319-18038-0> (Published)

*Social informatics*, edited by JATOWT, Adam; LIM, Ee Peng; DING, Ying; MIURA, Asako; TEZUKA, Taro; DIAS, Gael; TANAKA, Katsumi; FLANAGIN, Andrew J.; DAI, Bing Tian. (25/11/2013). Lecture Notes in Computer Science, 8238. Cham: Springer Verlag. <http://doi.org/10.1007/978-3-319-03260-3> (Published)

### Magazine Articles

A framework for acquiring domain semantics and knowledge for database integration, by CHIANG, Roger Hsiang-Li; LIM, Ee Peng; STOREY, Veda C.. (2000, March). *Data Base for Advances in Information Systems*, 31 (2), 46-64. (Published)

### **Theses and Dissertations**

*Instance-level integration, query processing and optimization in Federated Database Systems* (Doctoral dissertation), by LIM, Ee Peng. (1994). Minneapolis, MN: University of Minnesota. (Published)

### **Other Outputs and Contributions**

#### Data Sets

*Starcraft II in-game action lists* [Data set], by GONG, Wei; LIM, Ee Peng; ACHANANUPARP, Palakorn; ZHU, Feida; LO, David; CHUA, Freddy. (2012, June 29). (Published)

### **Research Grants**

#### Singapore Management University

Digital Wellbeing: Identifying, Testing and Measuring Framework Indicators Towards Digital Readiness, Inclusion and Safety, National University of Singapore (NUS) , Co-PI (Project Level): LIM Ee Peng, 2022, S\$121,096

Singlish Learning by Crowdsourcing, DSO National Laboratories , PI (Project Level): LIM Ee Peng, 2020, S\$612,300

Rich Context - Automated Data Inventory, Coleridge Initiative Inc , PI (Project Level): LIM Ee Peng, 2020,

S\$27,519.99

Sentiment Analysis of MRT' s Event-Related Social Media Content, Public Transport Council (PTC) , PI (Project Level): LIM Ee Peng, 2018, S\$5,000

Network Linkage, DSO National Laboratories , PI (Project Level): LIM Ee Peng , Co-PI (Project Level): ZHU Feida, 2017, S\$579,150

Social Media Profile Analytics, DSO National Laboratories , PI (Project Level): LIM Ee Peng, 2017, S\$699,400

Personalized Participatory Nation: The Proposal for 2nd Phase Funding of Living Analytics Research Centre (LARC) – CMU Partnership & International Collaborations, Interactive Digital Media (IDM) International Research Centres (IRCs) Funding Scheme, National Research Foundation (NRF) , PI (Programme Level): LIM Ee Peng , PI (Project Level): Archan MISRA, ZHENG Baihua, Steven HOI, Jing JIANG, 2017, S\$6,984,929

Center for Applied Smart-Nation Analytics (CASA), Translational R&D for Application to Smart Nation (TRANS), National Research Foundation (NRF) , PI (Project Level): Archan MISRA , Co-PI (Project Level): LIM Ee Peng, 2016, S\$3,000,000

Personalized Participatory Nation: The Proposal for 2nd Phase Funding of Living Analytics Research Centre (LARC), Interactive Digital Media (IDM) International Research Centres (IRCs) Funding Scheme, National Research Foundation (NRF) , PI (Programme Level): LIM Ee Peng , PI (Project Level): Archan MISRA, ZHENG Baihua, Steven HOI, Jing JIANG, 2016, S\$18,015,071

Social Media Analytics, NEC Asia Pacific Pte Ltd , PI (Project Level): LIM Ee Peng, 2015, S\$309,358.4

Sensor-Enabled Homes and Personalised Care for Senior Singaporeans Living in the HDB Environment, Land and Liveability National Innovation Challenge (L2 NIC), Ministry of National Development (MND) , PI (Project Level): TAN Hwee Pink, 2014, S\$3,400,988.76

Living Analytics Centre, Interactive Digital Media (IDM) International Research Centres (IRCs) Funding Scheme, National Research Foundation (NRF) , PI (Programme Level): LIM Ee Peng , PI (Project Level): LAU Hoong Chuin, Archan MISRA, 2010, S\$52,476,910

Trust Prediction in Co-Space: A Data Driven Approach, Interactive Digital Media (IDM) Research and Development Grant, National Research Foundation (NRF) , PI (Project Level): LIM Ee Peng, S\$850,800

Mining Interaction Behaviors from Information Exchange Networks, DSO National Laboratories , PI (Project Level): LIM Ee Peng, S\$346,800

Advancing LLMs for Target-Driven Conversation: A Dual Model Framework, SMU Internal Grant, Ministry of Education (MOE) Tier 1 , PI (Project Level): LIAO Lizi , Co-PI (Project Level): LIM Ee Peng, 2023, S\$190,000

Semi-supervised Fact-checking via Multi-View Evidence Embedding, SMU Internal Grant, Ministry of Education (MOE) Tier 1 , PI (Project Level): Wei GAO , Co-PI (Project Level): LIM Ee Peng, 2019, S\$100,000

The influential hypothesis and social contagion: observational evidence from Twitter, SMU Internal Grant, Ministry of Education (MOE) Tier 1 , PI (Project Level): Nicholas HARRIGAN, 2009, S\$18,422.22

### Other Institutions

FrankLM: Fact-check and report automation via neural knowledge Language Modeling, AI Research Grant, AISG PI (Project Level): Wei GAO, Co-PI (Project Level): LIAO Lizi, LIM Ee Peng, 2025, SGD998,660

ACTBIG: On Analysing Career Trajectories using Big Data, MOE Tier 2, MOE PI (Project Level): LIM Ee Peng, 2024, SGD803,088

Conversational Health AI for Mental Health, Population Health Research Grant (PHRG) Thematic Category, NMRC PI (Project Level): LIM Ee Peng, 2024, SGD1,197,300

Digital Wellbeing: Identifying, Testing and Measuring Framework Indicators Towards Digital Readiness, Inclusion and Safety, Collaborative Project Grant (NUS CTIC-CP) Call 2021, NUS Audrey Yue, PI (Project Level): LIM Ee Peng, 2022, SGD121,096

Transition from Living Analytics Research Centre to Social Urban Observatory, NRF, National Research Foundation PI (Project Level): LIM Ee Peng, Co-PI (Project Level): Archan MISRA, ZHENG Baihua, Jing JIANG, 2021, SGD2,687,280

Transition from Living Analytics Research Centre to Social Urban Observatory, Strategic Capabilities Research Centres Funding Initiative, NRF PI (Project Level): LIM Ee Peng, Co-PI (Project Level): ZHENG Baihua, Archan MISRA, Jing JIANG, Wei GAO, SUN Qianru, HARA, Kotaro, Palakorn ACHANANUPARP, 2021, SGD2,687,280

Transition from Living Analytics Research Centre to Social Urban Observatory, NRF, National Research Foundation - Strategic Capabilities Research Centres Funding Initiative, PI (Programme Level): LIM Ee Peng, PI (Project Level): LIM Ee Peng, Archan MISRA, Jing JIANG, ZHENG Baihua, Co-PI (Project Level): HARA, Kotaro, SUN Qianru, Palakorn ACHANANUPARP, Wei GAO, 2021, SGD2,687,280

LARC 2.0 - Living Analytics Research Centre – Phase II (Project PI for 1 of 4 work packages, “Smart Consumption & Healthy LifeStyle”), International Research Centre, National Research Foundation, PI (Programme Level): LIM Ee Peng, Mark Kamlet, PI (Project Level): LIM Ee Peng, Co-PI (Project Level): Archan MISRA, Jing JIANG, ZHENG Baihua, Steven HOI, 2016, SGD25,000,000

Social Media Profile Analytics and Jobs Intelligence, Living Analytics Research Centre, DSO National Laboratories PI (Project Level): LIM Ee Peng, Co-PI (Project Level): DAI Bing Tian, SGD699,400

## TEACHING

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### Courses Taught

#### Singapore Management University

Undergraduate Programmes :

Data Management

Postgraduate Research Programmes :

Empirical Research Project 1

Empirical Research Project 2

Empirical Research Project 3

Empirical Research Project I

## THESES AND DISSERTATIONS

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### Theses and Dissertations Supervised

#### Singapore Management University

Supervisor, "Context Recovery in Location-based Social Networks", Dissertation by CHONG WEN HAW, PhD in Information Systems, Singapore Management University, 2018

Supervisor, "Learning Latent Characteristics of Locations-based Social Networking Data", Dissertation by DOAN THANH NAM, PhD in Information Systems, Singapore Management University, 2018

Supervisor, "Modeling Adoption Dynamics in Social Networks", Dissertation by LUU MINH DUC, PhD in Information Systems, Singapore Management University, 2017

Supervisor, "Profiling Social Media Users with Selective Self-disclosure Behaviour", Dissertation by GONG WEI, PhD in Information Systems, Singapore Management University, 2016

Supervisor, "User Behaviour Mining in Microblogging", Dissertation by HOANG TUAN ANH, PhD in Information Systems, Singapore Management University, 2016

Supervisor, "Social Correlation in Latent Spaces for Complex Networks", Dissertation by CHUA CHONG TAT FREDDY, PhD in Information Systems, Singapore Management University, 2014

Supervisor, "Anomaly Detection on Social Data", Dissertation by DAI HANBO, PhD in Information Systems, Singapore Management University, 2013

Supervisor, "Predictive Modeling for Navigating Social Media", Dissertation by HU MEIQUN, PhD in Information Systems, Singapore Management University, 2012

### Other Institutions

Supervisor, "Sequential Recommendation: From Representation Learning to Reasoning", Dissertation by Wang Lei, PhD, Singapore Management University, 2024

Supervisor, "Analyzing and Modeling Users in Multiple Online Social Platforms", Thesis by Roy Ka-Wei Lee, Singapore Management University, 2019

Supervisor, "Learning Dynamic Multimodal Networks", Dissertation by Gary Ang, PhD, Singapore Management University, 2019

Supervisor, "Connecting the dots for contextual information retrieval", Dissertation by Lo Pei Chi, PhD, Singapore Management University, 2018

### **Theses and Dissertations Assessed**

#### Singapore Management University

Co Supervisor, "Making Sense of Crowd-Generated Content in Domain-Specific Settings", Dissertation by AGUS SULISTYA, PhD in Information Systems, Singapore Management University, 2019

Committee Member, "Exploring Offline Friendships on the Social Information Network: Network Characteristics, Information Diffusion, and Tie Strength", Dissertation by FELICIA NATALI, PhD in Information Systems, Singapore Management University, 2018

Committee Member, "Real-Time Bursty Topics Detection and Virality Forecasting in Microblogs", Dissertation by XIE WEI, PhD in Information Systems, Singapore Management University, 2017

Committee Member, "Event Identification and Analysis on Twitter", Dissertation by DIAO QIMING, PhD in Information Systems, Singapore Management University, 2015

Committee Member, "Opinion Mining of Sociopolitical Comments from Social Media", Dissertation by GOTTIPATI SWAPNA, PhD in Information Systems, Singapore Management University, 2014

### **OTHER ACADEMIC AND PROFESSIONAL ACTIVITIES**

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## Presentation and Talks

### Presentations

Cyber Infrastructure and Big Data Analytics for Social Good , (29 Jan 2021). *Library Technology Conclave – LTC2021 (eScience and Digital Libraries: Building Communities for Collaboration)*, Online.

### Invited Seminars, Talks and Lectures

Panel Discussion on NUS Cities Research Roadmap, 07 Dec 2022. NUS Cities - Building an Urban Science Community in Singapore

Data Mining for Labour Market Intelligence, 13 Dec 2021. "Math-for-Industry" Forum 2021, Hanoi, Vietnam

Computational Social Science: The LARC Experience, 06 Jul 2021. SSRC Roundtable Discussion on Computational Social Sciences, Singapore

## UNIVERSITY SERVICE

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### Singapore Management University

Director, AI and Data Science Cluster , Jul 2024 - Present

Guest Speaker, Human Capital Development: The Role of Computational Social Science Workshop, Nov 2023

Attendee Meeting, MAKER: Urban Data & Novel Infra/Insights (DBS Workshop), Oct 2023

Committee Member, Working Group on AI Detection Tools, May 2023 - Jul 2023

Committee Member, School Evaluation Committee, Jan 2023 - Dec 2023

Attendee Meeting, MAKER Workshop (ML, Big Data and Economic Modelling), Nov 2022

Committee Member, School Evaluation Committee, Aug 2022 - Present

Committee Member, Reading Evaluation Committee, Aug 2022 - Present

Committee Member, Dean's Evaluation Committee (DEC) , Jun 2022 - Present

Committee Member, Reading Evaluation Committee, Jan 2020 - Present

Committee Member, SMU Strategic Priority Expert Panels, Jan 2020 - Present

Chair and Member, School Evaluation Committee, Jan 2020 - Present

## EXTERNAL SERVICE – PROFESSIONAL

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Conference Chair, KDD International Workshop on Talent and Management Computing (TMC' 2023), 2023

Reviewer Grant Proposal, Swiss National Science Foundation, 2023

Guest Speaker, NAFA Teaching & Learning Forum on AI in Education, NAFA, 2023

Committee Chair, Best Paper Award Chairs, IEEE International Conference on Data Science and Advanced Analytics 2022, 2022 - Present

Conference Chair, DASFAA2021, 2021 - Present

Conference Chair, PAKDD2020, 2020 - Present

Expert Panel Member, DSTA Technical Competency Accreditation Panel – Data Engineer-ing, DSTA, 2020 - Present

#### **EXTERNAL SERVICE – PUBLIC SECTOR AND COMMUNITY SERVICE**

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Judge, AI Space Challenge 2022, ICE Cubes Service, SpaceZab, GranSystems & Zenith Intellutions, 2021 - 2022

Council Member, SSRC, Social Science Research Council, 2018 - Present