

Hongzhi Wang

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Education	2003 – 2008	Harbin Institute of Technology	Harbin, China
		Ph.D. Computer Science	
		Advisor: Professor Jianzhong Li	
	2001 – 2003	Harbin Institute of Technology	Harbin, China
		M.S. Computer Science	
		Advisor: Professor Jianzhong Li	
	1997 - 2001	Harbin Institute of Technology	Harbin, China
		B.S., Computer Science.	
Research Interests	Data Quality, Web Database, XML Database, Graph Database, Compressed Database, Information Integration, Big Data		
Work and Research Experiences	2010.9 –Present	Harbin Institute of Technology	Harbin, China
		Associate Professor	
		Teach and research on database research, including XML database, data quality, sensor network and information integration	
	2012.9-2013.9	University of California	Irvine, USA
		Visiting Scholar	
		Research on Big Data Mngement	
	2008.7 –Present	Harbin Institute of Technology	Harbin, China
		Lecturer	
		Teach and research on database research, including XML database, data quality, sensor network and information integration	
	2011.4 – 2011.10	Microsoft Research Asia	Beijing, China
		Star Track Program of Visiting Researcher	
		Research on distributed graph management	
	2000.4 – 2008.7	Harbin Institute of Technology	Harbin, China
		Graduate Student Researcher	
		Focused on database research, including XML database, compressed database and information integration	
	2004.5-2005.4	University of New South Wales	Sydney, Australia

Visiting Research Associate

Researched on efficient query processing of XML

2006.10-2007.4 National University of Singapore

Singapore

Intern

Researched on Peer-to-peer query processing and keywords search in relational database.

Publications

Data Quality and Entity Resolution

1. Hongzhi Wang. Innovative Techniques and Applications of Entity Resolution. IGI Global, 2014.
2. Hongzhi Wang, Xiaodong Zhang, Jianzhong Li, Hong Gao. ProductSeeker: Entity-based Product Retrieval for E-Commerce. SIGIR 2013, demo, 1085-1086.
3. Hongzhi Wang, Mingda Li, Yingyi Bu, Jianzhong Li, Hong Gao, Jiacheng Zhang Cleanix: A Big Data Cleaning Parfait. CIKM 2014
4. Hongzhi Wang, Jianzhong Li, Hong Gao. Efficient Entity Resolution based on Subgraph Cohesion. Knowledge and Information Systems. online published, DOI: 10.1007/s10115-015-0818-7
5. Yue Wang, Hongzhi Wang, Liyan Zhang, Yang Wang, Jianzhong Li, Hong Gao. Extend Tree Edit Distance for Effective Object Identification. Knowledge and Information Systems. online published, DOI: 10.1007/s10115-014-0816-1
6. Yan Zhang, Hongzhi Wang, Hong Gao, Jianzhong Li. Efficient accuracy evaluation for multi-modal sensed data. Journal of Combinatorial Optimization. online published, DOI:10.1007/s10878-015-9920-8
7. Xintong Guo, Hongzhi Wang, Yangqiu Song, Hong Gao. A Survey of Crowdsourcing for Data Mining. Expert Systems with Applications. 41(17): 7987-7994 (2014)
8. Yan Zhang, Hongzhi Wang, Zhongsheng Yang, Jianzhong Li. Relative Accuracy Evaluation. PLoS ONE 9(8): e103853. doi:10.1371/journal.pone.0103853.
9. Fangda Wang, Hongzhi Wang, Jianzhong Li, Hong Gao. Graph-based Reference Table Construction to Facilitate Entity Matching. Journal of Systems and Software, Volume 86, Issue 6, 2013, 1679–1688.
10. Yakun Li, Hongzhi Wang, Hong Gao, Jianzhong Li. An Efficient Entity Resolution Method for Large Relations. International Journal of Cooperative Information Systems, Vol. 22, No. 1 (2013), 1–17.
11. Lingli Li, Jianzhong Li, Hongzhi Wang, Hong Gao: Context-based entity description rule for entity resolution. CIKM 2011: 1725-1730
12. Hongzhi Wang, Jianzhong Li, Ran Huo, Li Jia, Lian Jin, Xueying Men, Hui Xie. HITCleaner: A Light-weight Online Data Cleaning System. Proceedings of DASFAA 2013, 481-484. Demo.
13. Hongzhi Wang, Xueli Liu, Jianzhong Li, Xing Tong, Long Yang, Yakun

- Li. EntityManager: An Entity-based Dirty Data Management System. Proceedings of DASFAA 2013. 468-471. Demo.
14. Yakun Li, Hongzhi Wang, Hong Gao, Jianzhong Li. Efficient Entity Resolution on XML Data Based on Entity-Describe-Attribute. Chinese Journal of Computers, 2011, 34(11), 2131—2141.
 15. Hongzhi Wang, Wenfei Fan. Object Identification on Complex Data: A Survey. Chinese Journal of Computers, 2011, 34(10), 1843—1852.
 16. Yue Wang, Hongzhi Wang, Chen Ye, Hong Gao. Graph Similarity Join with K-Hop Tree Indexing. ICYCSEE 2015, Communications in Computer and Information Science Volume 503, 2015, pp 38-47.
 17. Ye Chen, Hongzhi Wang. Capture Missing Values based on Crowdsourcing. WASA 2014 Workshop.
 18. Yan Zhang, Hongzhi Wang, Jianzhong Li and Hong Gao. Accuracy Evaluation for Sensed Data. WASA 2014
 19. Mingda Li, Hongzhi Wang and Ye Li. Sectional and Conditional Functional Dependencies. WASA 2014 Workshop..
 20. Chen Ye, Hongzhi Wang. Truth discovery based on Crowdsourcing. WAIM 2014..
 21. Chen Ye, Hongzhi Wang, Keli Li, Qian Chen, Jianhua Chen, Jiangduo Song, Weidong Yuan: CrowdCleaner: A Data Cleaning System Based on Crowdsourcing. APWeb 2014: 657-661
 22. Guangze Liu, Hongzhi Wang, ChengHui Chen, Hong Gao: TruthOrRumor: Truth Judgment from Web. APWeb 2014: 674-678
 23. Huabin Feng, Hongzhi Wang, Jianzhong Li, Hong Gao. Entity Resolution on Uncertain Relations. WAIM 2013.
 24. Lian Jin, Hongzhi Wang, Hong Gao. Imputation for Categorical Attributes with probabilistic Reasoning. WAIM 2013.
 25. Rui Guo, Hongzhi Wang, Jianzhong Li, Hong Gao. CUVIM: Extracting Fresh Information from Social Network. WAIM 2013.
 26. Xie Hui, Hongzhi Wang, Jianzhong Li, Hong Gao. A data cleaning framework based on user feedback. WAIM 2013.
 27. Li Jia, Hongzhi Wang, Jianzhong Li, Hong Gao. Incremental Truth Discovery for Information from Multiple Data Sources. MDSP 2013.
 28. Guohua Jiang, Hongzhi Wang, Jianzhong Li, Hong Gao. An Aggregation Query Processing Method of Dirty Database Based on Clustering. Chinese Journal of Computer Research and Development, 2009, 46(suppl)(10): 140-146.
 29. Lu Li, Hongzhi Wang, Jianzhong Li, Hong Gao. Ed-Sjoin: An Optimal Algorithm for Similarity Joins with Edit Distance Constraints. Chinese Journal of Computer Research and Development, 2009, 46(suppl) (10): 319-325.
 30. Mohan Li, Hongzhi Wang, Jianzhong Li, Hong Gao. Duplicate Record Detection Method Based on Optimal Bipartite Graph Matching. Chinese Journal of Computer Research and Development, 2009, 46(suppl) (10):

339-345.

31. Hongzhi Wang, Jianzhong Li, Jinbao Wang, Hong Gao: Dirty Data Management in Cloud Database. *Grid and Cloud Database Management 2011*: 133-150
32. Hongzhi Wang, Jianzhong Li, Hong Gao. Labelling-Scheme-Based Subgraph Query Processing on Graph Data. *Graph Data Management: Techniques and Applications 2011*: 142-174.
33. MENG Xiao, WANG Hongzhi, GAO Hong, LI Jianzhong. bibEOS: A Social System of Bibliography Retrieval and Management. *Journal of Frontiers of Computer Science and Technology*, 2010, 4(1): 54-63.
34. JIANG Guohua, JIANG Shouxu, WANG Hongzhi, LI Jianzhong, GAO Hong. Query Processing on XML with Dirty Tags. *Journal of Frontiers of Computer Science and Technology*, 2011,5(8): 673-685.
35. LIU Yongnan, WANG Hongzhi, GAO Hong. Entity Resolution Method Based on Wave of Strings Using MapReduce. *Journal of Frontiers of Computer Science and Technology*, 2011, 5(8): 730-739
36. Guohua Jiang, Hongzhi Wang, Shouxu Jiang, Jianzhong Li, Hong Gao: DCUBE: CUBE on Dirty Databases. *WAIM 2010*: 507-512.
37. Mohan Li, Hongzhi Wang, Jianzhong Li, Hong Gao: Efficient Duplicate Record Detection Based on Similarity Estimation. *WAIM 2010*: 595-607.
38. Lingli Li, Hongzhi Wang, Hong Gao, Jianzhong Li: EIF: A Framework of Effective Entity Identification. *WAIM 2010*: 717-728.
39. Liu Yongnan, Wang Hongzhi, Gao Hong. A Fast Entity Resolution Method based on Wave of Records. *CECNet2011*.
40. Qian Liu, Hongzhi Wang, Hong Gao, Qi Lv, Jianyu Fu. A Recommendation Method in E-commerce based on product taxonomy graph. *13th IEEE Joint International Computer Science and Information Technology Conference(JICSIT 2011)*.
41. Qing Wang, Shouxu Jiang, Hongzhi Wang and Hong Gao. AIIS: An Efficient String Index on Inconsistent Data. Accepted by 2011 international conference on Computer Science and Information Engineering (CSIE2011).
42. Yakun Li, Hongzhi Wang and Hong Gao. Efficient Entity Resolution based on Sequence Rules. 2011 international conference on Computer Science and Information Engineering (CSIE2011).
43. Yan Zhang, Long Yang, Hongzhi Wang: Range Query Estimation for Dirty Data Management System. *WAIM 2012*: 152-164
44. Xing Tong, Hongzhi Wang: Fgram-Tree: An Index Structure Based on Feature Grams for String Approximate Search. *WAIM 2012*: 241-253

Graph Management

45. Zhao Sun, Hongzhi Wang, Haixun Wang, Bin Shao, and Jianzhong Li. Efficient Subgraph Matching on Billion Node Graphs. *PVLDB*

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46. Hongzhi Wang, Jianzhong Li, Jizhou Luo, Hong Gao. Hash-base subgraph query processing method for graph-structured XML documents. *PVLDB* 1(1): 478-489 (2008).
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 49. Xiaojie Lin, Rui Zhang, Zeyi Wen, Hongzhi Wang, Jianzhong Qi: Efficient Subgraph Matching Using GPUs. *ADC 2014*: 74-85
 50. Hongzhi Wang, Jianzhong Li. GXQuery: Extending XQuery for Querying Graph-structured XML Data. *Journal of Computing and Information Technology* 19(2): 83-91 (2011).
 51. Hongzhi Wang, Jianzhong Li, Hong Gao. Data Model for Dirty Databases. *Journal of Software*. 2012, 23(3):539-549.
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 54. Chunhe Zhang, Jianzhong Li, Hongzhi Wang, Hong Gao. DAG pattern matching on Graph-Structured XML. *Chinese Journal of Computer Research and Development*. Vol.43 Suppl.
 55. Qiqi Shi, Hongzhi Wang, Dong Li, Xinfei Shi, Chen Ye, Hong Gao. Maximal Influence Spread for Social Network Based on MapReduce. *ICYCSEE 2015, Communications in Computer and Information Science Volume 503*, 2015, pp 128-136
 56. ZHANG Hang, WANG Hong-zhi, LI Jian-zhong, GAO Hong. 2-hop based for pattern matching algorithm on DAGS. *JOURNAL OF NATURAL SCIENCE OF HEILONGJIANG UNIVERSITY*, 2010, (01) :78-82.
 57. Bo Yu, Jianzhong Li, Hongzhi Wang. An Efficient Method for Answering Top-k Queries of Degrees of Vertices on Huge Directed Graphs. *Computer Science Vol.32, Special Issue on Databases*, 2006.
 58. Shuguang Xiong, Jianzhong Li, Hongzhi Wang, Hong Gao. A Coding based Storage and Query Processing Method for Graph-structured XML Data. *Computer Science Vol.32, Special Issue on Databases*, 2006.
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 60. Hongzhi Wang, Wei Wang, Xuemin Lin, Jianzhong Li. Labeling Scheme

- and Structural Joins for Graph-Structured XML Data. APWeb 2005: 277-289.
61. Xueli Liu, Hongzhi Wang: Dynamic Graph Shortest Path Algorithm. WAIM 2012: 296-307
62. Cong Wang, Hongzhi Wang: Graph-Structured Data Compression Based on Frequent Subgraph Contraction. WAIM Workshops 2012: 11-18.

XML Data Management

63. Hongzhi Wang. Query Processing Techniques for XML Data. Tianjin Education Press, 2010. (In Chinese)
64. Wei Wang, Hongzhi Wang, Hongjun Lu, Haifeng Jiang, Xuemin Lin, Jianzhong Li. Efficient Processing of XML Path Queries Using the Disk-based F&B Index. VLDB 2005: 145-156.
65. Hongzhi Wang, Jianzhong Li, Xianmin Liu, Jizhou Luo. Query Optimization for Complex Path Queries on XML Data. DASFAA 2009: 389-404.
66. Lingli Li, Hongzhi Wang, Jianzhong Li, Hong Gao. Efficient Algorithms for Skyline Top-K Keyword Queries on XML Streams. DASFAA 2009: 283-287.
67. Hongqiang Wang, Jianzhong Li, Hongzhi Wang. Clustered Chain Path Index for XML Document: Efficiently Processing Branch Queries. World Wide Web 11(1): 153-168 (2008).
68. Hongzhi Wang, Jianzhong Li, Jizhou Luo. Efficient Subgraph Query Processing Algorithms on Graph-structured XML Document. Journal of Software. 2009,20(9): 2436-2449 (In Chinese)
69. Hongzhi Wang, Jianzhong Li, Jizhou Luo. Efficient Aggregation Algorithms on XML Stream. Journal of Software, 2008,19(8): 2032-2042.
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71. Hongzhi Wang, Jianzhong Li, Jizhou Luo. Topological Queries on Graph-structured XML Data: Models and Implementations. International Journal of Information Technology 4(3): 213-220 (2008).
72. Hongqiang Wang, Jianzhong Li, Hongzhi Wang. Processing XPath over F&B-Index. Journal of Computer Research and Development 47(5): 866-877, 2010.
73. Shuo Zhuang, Jianzhong Li, Hongzhi Wang, Zhenying He. Loading for Online XML Documents Based on Extended Numbering. Journal of Computer Research and Development, 2004, 41 (10): 1829-1835.
74. Fei Li, Hongzhi Wang, Liang Hao, Jianzhong Li, Hong Gao: pq-Hash: An Efficient Method for Approximate XML Joins. XML-DM 2010: 125-134
75. Qing Wang, Hongzhi Wang, Hong Gao, Jianzhong Li: Compression

- Algorithms for Structural Query Results on XML Data. XML-DM 2010: 141-145
76. Hongqiang Wang, Jianzhong Li, Hongzhi Wang. Clustered Absolute Path Index for XML Document: On Efficient Processing of Twig Queries. APWeb Workshops 2006: 1-10.
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 78. Fei Li, Hongzhi Wang, Cheng Zhang, Liang Hao, Jianzhong Li, Hong Gao: Approximate Joins for XML Using g-String. XSym 2010: 3-17
 79. Yue Wang, Hongzhi Wang, Yang Wang, Hong Gao. Similarity Join on XML Based on k-Generation Set Distance. XML-DM 2011: 124-135.
 80. Lingli Li, Hongzhi Wang, Jianzhong Li, Jizhou Luo. Efficient Top-k Keyword Search on XML Streams. ICYCS 2008: 1041-1046.
 81. Xianmin Liu, Jianzhong Li, Hongzhi Wang. SAM: An Efficient Algorithm for F&B-Index Construction. APWeb/WAIM 2007: 697-708.
 82. Hongqiang Wang, Jianzhong Li, Hongzhi Wang. Clustered Chain Path Index for XML Document: Efficiently Processing Branch Queries. WISE 2006: 474-486.
 83. Hongzhi Wang, Jianzhong Li, Zhenying He. Optimized Query Translation Strategy for XML Stored in Relational Database. WAIM 2004: 378-388.
 84. Hongzhi Wang, Jianzhong Li, Jizhou Luo, Zhenying He. XCPaqs: Compression of XML Document with XPath Query Support. ITCC (1) 2004: 354-357.
 85. Hongzhi Wang, Jianzhong Li, Zhenying He, Hong Gao. Xaggregation: Flexible Aggregation of XML Data. WAIM 2003: 104-115.
 86. Hongzhi Wang, Jianzhong Li, Zhenying He, Jizhou Luo. Web Information Integration Based on Compressed XML. DNIS 2003: 122-137.
 87. Hongzhi Wang, Jianzhong Li, Fei Li. Efficient Identification of Similar XML Fragments Based on Tree Edit Distance. XML Data Mining: Models, Methods, and Applications, 2011, 78-97.
 88. HE Zhen-ying, LI Jian-zhong, SHANG Chao, WANG Hong-zhi, X-SQL: a function-complete XML query language. JOURNAL OF HARBIN INSTITUTE OF TECHNOLOGY. 2006 Vol.38 No.5 P.678-681.
 89. Huiting Li, Jianzhong Li, Hongzhi Wang, Jizhou Luo. LDF&B: An XML Disk Storage Structure with Its Query Processing Methods. Chinese Journal of Computer Research and Development. Vol.43 Suppl.
 90. Xianmin Liu, Jianzhong Li, Hongzhi Wang, Yuyang Liu. SAJ: An F&B-Index Construction Algorithm with Optimized Space Cost. Chinese Journal of Computer Research and Development. Vol.43 Suppl. : 413-417.
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- Aggregation Operator for XML Data. *Information Technology Journal*, 6 (5): 697-703, 2007. .
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 105. Bingyi Qian, Hongzhi Wang, Jianzhong Li, Hong Gao: Path-Based XML Stream Compression with XPath Query Support. *WAIM Workshops 2012*: 329-339.
 106. LIU Yu-Yang LI Jian-Zhong WANG Hong-Zhi. XPath Query Estimation based on Analogous Tree. *The Proceedings of the Annual Workshop of Heilongjiang Computer Fedearition*, 20

Information Integration

107. Hongzhi Wang, Jianzhong Li, Shuguang Xiong. Efficient join algorithms for distributed information integration based on XML. *Int. J. Business Process Integration and Management*, Vol. 3, No. 4, pp.271–281.
108. Shuguang Xiong, Jianzhong Li, Hongzhi Wang, Shuo Zhang, Kai Zhao. The Design and Implementation of Information Integration System based on Mediator. *Journal of Harbin University of Commerce*, 2007.3 VOL.23.
109. Hongzhi Wang, Jianzhong Li, Shuguang Xiong. Efficient Join Algorithms for Integrating XML Data in Grid Environment. *GCC 2005*: 547-553.
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113. Xu Bian, Hongzhi Wang, Hong Gao: Schema Mapping with Quality Assurance for Data Integration. *APWeb 2011*: 472-483.
114. Hongzhi Wang, Jianzhong Li, Zhenying He. XML based and Compressed Communication Strategy in Distributed Information Integrating Systems, *Proceedings of Chinese National Conference on Distributed and Parallel Computing*, Press of Huazhong University of Science and Technology, 2002.
115. Libo Ding, Jinwei Hu, Hongzhi Wang. Security of Distributed Information Integration System. *PROCESS AUTOMATION INSTRUMENTATION 32 (2)*: 12-14, 2011.

Compressed Database

116. Jizhou Luo, Jianzhong Li, Hongzhi Wang. Construction of an Adaptive Histogram in Compressed Database. *Journal of Software*, 2009,20(7):1785-1799.
117. Jizhou Luo, Jianzhong Li, Hongzhi Wang. Compression Method of Massive Relation Based on Splitting. *Chinese Journal of Computer Science* 20(10 suppl), 2003.
118. Hongzhi Wang, Jianzhong Li, Jizhou Luo, Yanqiu Zhang. Compression Strategy of storage and Query for massive Relational Database. *Chinese Journal of Computer Research and Development*. Vol.40 Suppl. 337-341, 2003.
119. Jizhou Luo, Jianzhong Li, Hongzhi Wang, Yanqiu Zhang, Kai Zhao. The Compression of Massive Offline Relations. *WAIM 2004*: 634-639.

Wireless Sensor Network and Mathematical Model

120. Hongzhi Wang, Jianzhong Li, Zhenying He, Shengfei Shi, Jinbao Li. Data Process of Sensor Net based on XML. Chinese Journal of Computer Research and Development. Vol.40 Suppl. 188-191, 2003.
121. ZHU Qiankun, WANG Hongzhi, GAO Hong. Real-Time Multiple Complex Event Queries Processing over RFID Streams. Journal of Frontiers of Computer Science and Technology, 2011, 5(09): 845-856.
122. Jinghua Zhu, Jianzhong Li, Jizhou Luo, Wei Zhang, Hongzhi Wang. C-kNN Query Processing in Object Tracking Sensor Networks. WASA 2008: 432-443.
123. WANG Hong-zhi, LIU Yong-Qiang, LIU Zhan-yi, SHANG Shou-ting. Mathematical model for detection ground water pollutant. Journal of Harbin Institute of Technology 7(4),2000.

Edits

1. Zhipeng Cai, Chaokun Wang, Siyao Cheng, Hongzhi Wang, Hong Gao (Eds.): Wireless Algorithms, Systems, and Applications - 9th International Conference, WASA 2014, Harbin, China, June 23-25, 2014. Proceedings. Lecture Notes in Computer Science 8491, Springer 2014, ISBN 978-3-319-07781-9
2. Hongzhi Wang, Haoliang Qi, Wanxiang Che, Zhaowen Qiu, Leilei Kong, Zhongyuan Han, Junyu Lin, Zeguangu Lu (Eds.). Intelligent Computation in Big Data Era - International Conference of Young Computer Scientists, Engineers and Educators, ICYCSEE 2015, Harbin, China, January 10-12, 2015. Proceedings, Communications in Computer and Information Science, Volume 503 2015, ISBN: 978-3-662-46247-8 (Print) 978-3-662-46248-5 (Online).

Awards

- | | |
|------|---|
| 2011 | The First Class Award of Science of Heilongjiang Province |
| 2011 | The First Class Award of Science of Education Department in Heilongjiang Province |
| 2009 | Outstanding PHD Dissertation of China Computer Federation (10 in China) |
| 2009 | Outstanding PHD Dissertation of Harbin Institute of Technology (19 in HIT) |
| 2009 | The best of Advisor of the Challenge for Pure-XML Application |
| 2007 | IBM PHD Fellowship (8 in China) |
| 2006 | Best paper for WISE |
| 2006 | China's Excellent Database Engineer (10 in China) |
| 2005 | "Microsoft Fellowship" Scholarship (40 in Asia-Pacific) |
| 2003 | Samsun Fellowship |
| 2002 | Second Class Award of National Business Plan Contest |
| 2001 | Computer World Fellowship |
| 2000 | First Class Award of National Mathematical Model Contest of China |

- 1999 ACM/ICPC 8nd in Shanghai Area
- 1999 Honorable Mention of American Mathematical Model Contest

Funding

- Research on Key Technologies of Entity Identification in Data Quality Management. Hongzhi Wang (PI). National Science Foundation of China, No.61003046.
- Research on Key Technologies of Massive Dirty Data Management. Hongzhi Wang (PI). Special Postdoctor Fundings of China, No.201003447.
- Research on Key Technologies of Entity Identification on Complex data. Fundigs for Young Teachers of Education Ministry in China, No. 20102302120054.
- Research on Key Technologies of Dirty Data Management. Hongzhi Wang (PI). Postdoctor Fundings of China, No. 20090450126 .
- Research on Key Technologies of Entity Identification on Massive Graph. Open Fundings of Key Laboratory of Renmin University, No. KF2011003
- Research on Key Technologies of Graph Data with Quality and Quantity. Research Fundings of Harbin Institute of Technology, No. HIT.NSRIF.2013.064
- Research on Key Technologies of Entity-based Query processing in Electronic Commerce. Hongzhi Wang(PI). Huoshui Program of Alibaba Company No.Ali-2010-B-4.

Invited Talk

- Data Quality Management for Big Data, The 7th International Conference on Computational Intelligence and Software Engineering (CiSE 2015),2015.5, Beijing
- Big Data Cleaning: Challenges and Solutions, The 2015 International Conference on Network and Information Systems for Computers (ICNISC2015), 2015.1, Wuhan
- Bigdata Cleaning based on Crowdsourcing, CIKM 2014 Workshop on Interactive Mining for Big Data (ImBig), 2014.11, Shanghai
- Algorithm Design and Analysis for Big Data, 2014 International Workshop and Summer School on "Biological Big Bytes; ,2014.8,Harbin
- An Introduction to the Techniques of Big Data Quality Management, the 12th National Doctoral Academic Conference, 2014.5, Kunming

Professional Activities

- PC Member: NDBC 2009-2015, FCST2010-2013, XML-DM 2010-2012, APWeb 2011-2015, CIKM 2011, Damen 2011, WAIM 2011-2015, ADMA 2011-2014.
- General Chair: ICYCSEE 2014
- Workshop Chair: WAIM 2012
- Demo Chair: WAIM 2014

- Local Chair: WASA 2014
- Editor
 - International Journal of Data Science
 - Symbiosis Center for Information Technology Journal
 - International Journal of Informatics Researches
 - Journal of Computer Sciences
- Reviewer, Knowledge and Information System, International Journal of Computer Systems Science and Engineering, IEEE Transaction of Knowledge and Data Engineering, World Wide Web Journal, Journal of Computer Science and Technology, Data and Knowledge Engineering, Parallel and Distributed Databases.
- Registration Chair, ADMA'07
- Organization Committee Member: CWSN2007