

教师个人信息

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性别	男	
职务		
学术兼职		
老师类型	硕导	
所属中心	通信软件工程中心	
职称	教授	
承担课程	离散数学（上） 离散数学（下） 程序设计方法学	
研究方向	下一代电信运营支撑系统及智能信息处理	
个人介绍	2005年至今为北京邮电大学计算机学院教授，多年来一直在计算机科学及通信系统软件方面从事教学和研究工作，主要研究兴趣：数据挖掘，网络计算与分布式系统，及其在电信领域的应用研究。近五年参与多项省部级、国家级项目（国家支撑计划项目子课题1项），发表学术论文数十篇。2009：基于“云”计算平台的并行数据挖掘工具优化和推广(二期)-BC-PDM新增功能与性能优化。2007-2011：国家科技支撑计划课题：城市市政管网信息管理系统及可视化动态管理系统研究 2004-2007：面向多媒体和通信领域的网络服务	
承担课题	2007-2011：国家科技支撑计划课题：城市市政管网信息管理系统及可视化动态管理系统研究	
获奖和成果	北京市教委共建项目“电信与多媒体服务网络系统”（主持并完成FTP网络服务和电信数据挖掘网络服务）通过中国电子学会的鉴定，获得达到国际先进水平的评价，同时获得两项软件著作权（FTP网络系统V1.0和数据挖掘网络系统V1.0）。“电信与多媒体服务网络系统”获得2008年度中国电子学会电子信息科学技术奖二等奖（第二完成人，证书号：KJ2008-2-03-R02）	
发表论文	<p>Liutong Xu, Kai Jin, Hongqiao Tian: MRData: a MapReduce-Based Tool for Heterogeneous Data Intergration. ISME2010, v2, p269-272</p> <p>Liutong Xu, Xiaoting Fu, Hao Lin, Yupeng Xiao, Juan Yang: Thematic Maps Service for GIS Based Urban Pipe Network Visualization System. 2009 International Forum on Information Technology and Applications, IFITA 2009: 131-134</p> <p>Juan Yang, Hao Lin, Yupeng Xiao, Xiaoting Fu, Liutong Xu: Spatial Data Model for Visualization System of GIS Based Urban Pipe Network. 2009 International Forum on Information Technology and Applications, IFITA 2009: 98-102</p> <p>Ding Xiao, Yupeng Xiao, Hao Lin, Xiaoting Fu, Liutong Xu, Juan Yang: A Service Stack for 3D Visualization of GIS Based Urban Pipe Network. 2009 International Forum on Information Technology and Applications, IFITA 2009: 342-346</p> <p>Nan Du, Bin Wu, Liutong Xu, Bai Wang, Pei Xin: Parallel Algorithm for Enumerating Maximal Cliques in Complex Network. Mining Complex Data 2009: 207-221</p> <p>Wei Geng-Yu, Wang Hua, Li Xiao-Xiao, Xu Liu-Tong: NS2 Extension for Multi-channel MAC Simulation Model. Intl Journal of Distributed Sensor Networks, V 5 n 1, p 66, 2009</p> <p>Yi Wang, Liutong Xu, Guanhui Geng, Xiangang Zhao, Nan Du: DMGrid: A Data Mining System Based on Grid Computing. ADMA 2008: 305-316</p> <p>Liutong Xu, Yi Wang, Guanhui Geng, Xiangang Zhao, Nan Du: SDMA: A Service-based Architecture for Data Mining Applications. IEEE SCC (2) 2008: 473-474</p> <p>Xu, Liutong; Shi, Min; Lin, Suping: 3D visualization service for GIS based pipe network system. Journal of Harbin Institute of Technology (New Series), v 15, n SUPPL., p 62-66, April 2008</p> <p>Xu, Liutong; Lin, Suping; Geng, Guanhui; Shi, Min: Service chain design in the urban pipe network system. Journal of Harbin Institute of Technology (New Series), v 15, n SUPPL., p 311-315, April 2008</p> <p>Xu, Liutong; Geng, Guanhui; Shi, Min; Lin, Suping: Pipe network 3D visualization service architecture. Proceedings - 2008 IEEE Congress on Services, SERVICES 2008, v PART 1, p 495-502, 2008, IEEE-CS Press.</p> <p>Xiangang Zhao, Bai Wang, Liutong Xu: Grid Application Scheduling Model Based on Petri Net with Changeable Structure. GCC 2007: 733-736</p> <p>Xiangang Zhao, Liutong Xu, Bai Wang, A Dynamic Price Model with Demand Prediction and Task Classification in Grid, GCCW, Aug 2007, IEEE-CS Press.</p> <p>Xiangang Zhao, Liutong Xu, Bai Wang, A Resource Allocation Model with Cost-Performance Ratio in Data Grid, SNPD, July 2007, IEEE-CS Press. Xiangang Zhao, Bai Wang, Nan Du, Congyun Zhao, Liutong Xu: Qos-based Algorithm for Job Allocation and Scheduling in Data Grid. GCC Workshops 2006: 20-26</p> <p>Nan Du, Bin Wu, Liutong Xu, Bai Wang, Xin Pei: A Parallel Algorithm for Enumerating All Maximal Cliques in Complex Network. ICDM Workshops 2006: 320-324</p> <p>Nan Du, Liutong Xu, Xiangang Zhao, Congyun Zhao and Bai Wang: Resource Merging and Synchronization in FTPGrid, IMSCCS, pp.540-545, Jun 2006, IEEE-CS Press.</p> <p>Ping Chen, Yanhui Wang, Bin Wu, Liutong Xu, Bai Wang. Betweenness Research in Telecom Social Network[J]. The Journal of DCDIS, 2006 Suppl., pp. 967-971.</p> <p>Liutong Xu, Bai Wang, Bo Ai: WebGrid: A New Paradigm for Web System. EGC 2005: 1165-1174.</p> <p>Liutong Xu, Bai Wang and Bo Ai: A Strategy for Data Replication in Data Grids. In: Current Trends in High Performance Computing and Its Applications, pp.557-562. Aug 2004, Springer-Verlag.</p> <p>Liutong Xu, Bo Ai: Notes on Grid and its Attributes. PDPTA 2004: 1501-1507. Liutong Xu, Bo Ai: FTPGrid: A New Paradigm for Distributed FTP System. GCC(2) 2003: 895-898. 叶祺, 吴斌, 徐超群, 徐六通, 王柏: 复杂网络节点消褪规律与节点消褪模型. 电子测量技术, 2007 30(4)</p> <p>WANG Yi, XU Liutong, YANG Shengqi: DMGrid: A Data Mining System Based on Grid Computing. Journal of Frontiers of Computer Science and Technology. 2010 4(2): 180-190.</p> <p>Chen Ping, Wang Yi, Xu Liutong, et al. The design of data mining Web service architecture based on JDM in grid environment. International Symposium on Pervasive Computing and Applications, 2006:684-689</p>	
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