

研究队伍

现在位置: [首页](#)>>[研究队伍](#)

▶ 院士专家

▶ 杰出青年


▶ 研究员

▶ 副研究员

▶ 人才招聘

▶ 百人计划

科研人员

姓名	毕经平	
性别	女	
职称	研究员	
个人主页		

个人介绍

简历:

2002年7月于中国科学院计算所获得博士学位, 同年9月被破格提拔为计算所副研究员, 2008年3月被任命为博士生导师, 2009年1月获得卢嘉锡青年人才奖, 2009年9月被聘为研究员。IEEE会员, 计算机学会高级会员, 全国容错专委会委员, Globecom、ICC、ISCC、计算机学报、软件学报、计算机研究与发展、系统仿真学报等多家杂志或会议的审稿人。主持了多个973、863和国家自然科学基金等国家大型项目以及多个横向项目, 具有丰富的研发经验, 主持开发的系统中有3个已经产业化并顺利推广多套。目前已发表国内外重要杂志和会议文章近50篇, 超过半数被SCI/ISTP/EI收录, 已授权专利5项, 已受理专利15项, 软件登记5项。业余时间喜欢羽毛球、健身等运动。

研究方向介绍

开展国家或全球范围内的Internet性能或安全监控和管理, 以及对各种新兴网络技术的性能监控。具体内容包

- 1) 下一代互联网(CNGI)的监控和管理;
- 2) 云计算、虚拟网管;
- 3) 无线、移动和自组网(ad hoc)的性能监测和管理;
- 4) 网络性能、拓扑、路由、负载的监测;
- 5) 网络应用的性能评估和提升;
- 6) 网络测量与测试, 网络行为分析。

研究方向:

下一代互联网 网络性能分析和优化

社会任职:

获奖及荣誉:

代表论著:

- 1) Wei Liang, Jingping Bi, Rong Wu, Zhenyu Li, "On Characterizing PPStream: Measurement and Analysis of P2P IPTV under Large-Scale Broadcasting", IEEE Global Communications Conference (GLOBECOM) 2009, accepted for publication, November 2009.
- 2) Xu Xu, Y. H. Hu, Wei Liu, J. P. Bi, "Data-Coverage Sleep Scheduling in Wireless Sensor Networks", 7th International Conference on Grid and Cooperative Computing (GCC 2008), IEEE, Shenzhen China, Oct. 2008, SCI (best paper award)
- 3) Wei Liang, Ye Li, Jingping Bi, and Guoqiang Zhang, "On the Accurate Identification of Familiar Inter-Domain Routing Instabilities," in Proc of IEEE Global Communications Conference (GLOBECOM) 2008, pp. 1-6, New Orleans, Dec. 2008. Jingping Bi, Qi Wu, Zhongcheng Li, On Estimating Clock Skew for One-way Measurements, Computer Communications.
- 4) ZhenXie, Jingping Bi, "PeerStrategy: A local strategy for peers to evaluate their neighbors," 7th international conference on grid and cooperative computing (GCC2008), IEEE, Shenzhen China, Oct. 2008, SCI
- 5) Xu Xu, Yu-hen Hu, Wei Liu, Jingping Bi, "Using Data Recovery Models for Multi-Shift Scheduling in Wireless Sensor Networks", International Symposium on Computer Science and Computational Technology (ISCSCT 2008), IEEE computer society, December, 2008

- 6)Wu Qi, Bi Jingping, Guo Zihua, Xiong Yongqiang, Zhang Qian, Li Zhongcheng, "Cross-layer optimization in ultra wideband networks", Science in China Series F: Information Sciences, Oct 2007, vol.50, no.5, 760-770, SCI
- 7)Qi Wu, Yongqiang Xiong, Haitao Wu, Zihua Guo, Qian Zhang, Xiang-Gen Xia, Zhongcheng Li, Performance Evaluation of the Beacon Period Contraction Algorithm in MBOA MAC, IEEE Communications Letters, Jan.2005
- 8)Jingping Bi, Qi Wu, Zhongcheng Li, An approach to distributed collaboration problem with conflictive tasks, LECT NOTES COMPUT SC 3033: 944-953 2004.
- 9)Jingping Bi, Qi Wu, Zhongcheng Li, Measuring the Internet using public traceroute servers, 28TH, Conference On Local Computer Networks, Proceedings : 303-304, 2003
- 10)Jingping Bi, Qi Wu, Zhongcheng Li, Packet delay and packet loss in the Internet, 7th IEEE International Symposium on Computers and Communications, JUL 01-04, 2002.
- 11)Qi Wu, Jingping Bi, Zihua Guo, Yongqiang Xiong, Qian Zhang, Zhongcheng Li, Cross-layer optimization in ultra wideband networks, Science in China Series F: Information Sciences
- 12)Qi Wu, Jingping Bi, Zhongcheng Li, Reliable clock skew estimation algorithm for one-way measurements, IEEE International Conference on Communications, pp.1846-1850, Paris, France, Jun. 2004
- 13)Qi Wu, Jing Huang, Jingping Bi, Arbitrator-based Algorithm for Measurement Collaboration Problem, International Conference on Computer Networks and Mobile Computing (ICCNMC), pp. 166-173, October 2003
- 14)Kai Wang, Feng Yang, Zhongcheng Li, Jingping Bi, Experiment and Analysis of Active Measurement for Packet Delay, 3rd International Conference, ICCNMC 2005, Zhangjiajie, China, August 2-4, 2005. Proceedings Lecture Notes in Computer Science (LNCS), Volume 3619 / 2005
- 15)Kai Wang, Feng Yang, Zhongcheng Li, Jingping Bi, Scaling Behavior of Internet Packet Delay Dynamics Based on Small-interval Measurements, The IEEE Conference on Local Computer Networks 30th Anniversary (LCN '05), pp. 140-147, November 2005, Sydney, Australia
- 16)Jingping Bi, Qi Wu, Zhongcheng Li, Stability on End-to-end Path in the Internet, 3rd International Networking Conference (INC), pp. 97-104, IEEE, July 2002
- 17)Jingping Bi, Qi Wu, Zhongcheng Li, Design and Implementation of Large-scale Network Performance Measurement and Analysis System, 3rd International Networking Conference (INC), pp. 163-170, IEEE, July 2002

承担科研项目情况:

- 1) 可信互联网——新一代可信互联网真实地址寻址关键技术, 国家科技支撑计划项目
- 2) 数字音像内容集成分发平台——网络分发监测系统, 国家科技支撑计划项目
- 3) 下一代互联网IPv4/IPv6互联网关, CNGI项目
- 4) 网络测量技术的研究, 863项目
- 5) 大规模互联网网络行为测量和分析方法, 国家自然科学基金项目
- 6) 网络性能测量方法和系统, 863项目
- 7) 大规模互联网网络行为测量与分析, 中国科学院知识创新工程重要方向项目子课题
- 8) IPv6网络协议分析和性能分析——中国科学院二期知识创新工程重大项目

学科类别:

所属部门:

网络技术研究中心

专家类别:

正高

杰青入选时间:

百人入选时间:

其他备注:

博导计算机系统结构

其他备注2:

其他备注3:

[网站地图](#) | [联系我们](#) | [意见反馈](#) | [所长信箱](#)



欢迎访问中国科学院计算技术研究所 京ICP备05002829号

地址: 北京海淀区中关村科学院南路6号 邮编: 100190 电话: 010-62601166 邮箱: xuanchuanban@ict.ac.cn