教授
副教授
讲师
研究员
副研究员

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陈海波 （ 教授 ）

系统软件，系统结构与系统虚拟化
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教育背景

2004.9 – 2009.1　博士　复旦大学 计算机系统结构专业
2000.9 – 2004.7　本科　复旦大学 计算机科学与技术专业

学术兼职

Usenix ATC'12, EuroSys'13程序委员会委员，APSys'11大会共同主席
中国计算机学会体系结构专委会委员
中国计算机学会系统软件专委会委员

获奖情况

2012年NetApp Faculty Fellowship
2011年全国优秀博士学位论文奖
2010年IBM X10 Faculty Award
2009年中国计算机学会优秀博士论文
2009年中国计算机学会上海青年IT新锐
第36届国际并行处理会议(ICPP-2007)最佳论文奖
2006年Intel中国信息科学热点课题最佳研究报告奖

代表性科研项目

1. 2011.1 - 2013.12
国家自然科学基金项目 面向多核平台的日用操作系统性能可伸缩性研究"(项目编号：61003002). 19万人民币
2. 2010.9 - 2012.9
上海市科委重点项目 虚拟化数据中心系统结构与应用行为的分析与优化(项目编号：10511500100). 120万人民币。
3. 2009.4 - 2011.4
教育部-英特尔信息技术专项科研基金项目 "多核编程模型的优化及系统软件支持"(项目编号MOE-INTEL-09-04), 4万美元。

代表性论著

[1]　Yubin Xia, Yutao Liu, Haibo Chen and Binyu Zang. CFIMon: Detecting Violation of Control Flow Integrity using Performance Counters. In Proceedings of The 42nd Annual IEEE/IFIP International Conference on Dependable Systems and Networks (DSN 2012, DCCS Track, to appear), Boston, Massachusetts USA, June, 2012.
[2]　Zhenman Fang, Qinghao Min, Yibin Hu, Yi Lu, Keyong Zhou, Weihua Zhang, Haibo Chen, Binyu Zang and Jian Li. "Transformer: An Extensible, Fast and Cycle-Accurate Full-system Multi-core Simulator." to appear in the 49th Design Automation Conference (DAC 2012). San Francisco, USA, June, 2012.
[3]　Fengzhe Zhang, Jin Chen, Haibo Chen, and Binyu Zang. CloudVisor: Retrofitting Protection of Virtual Machines in Multi-tenant Cloud with Nested Virtualization. In Proceeding of 23rd ACM Symposium on Operating System Principles (SOSP' 2011), pp. 203—216, Cascais, Portugal. 2011.
[4]　Xiang Song, Haibo Chen, Rong Chen, Yuanxun Wang, Binyu Zang. A Case for Scaling Applica- tions to Many-core with OS Clustering. In 2011 ACM European Conference on Computer Systems (Eurosys' 2011). pp. 61-76. Salzburg, Austria, April, 2011.
[5]　Zhaoguo Wang, Ran Liu, Yufei Chen, Xi Wu, Haibo Chen, Weihua Zang, Binyu Zang. COREMU: a Scalable and Portable Parallel Full-system Emulator. Accepted by ACM SIGPLAN Symposium on Principles and Practice of Parallel Programming (PPoPP 2011). pp. 213–222. San Antonio, USA, 2011.
[6]　Haibo Chen, Jie Yu, Chengqun Hang, Binyu Zang and Pen-chung Yew. Dynamic Software Updating Using a Relaxed Consistency Model. IEEE Transactions on Software Engineering, Volume 37, number 5, pp. 679-694. 2011.
[7]　Rong Chen, Haibo Chen, Binyu Zang. Tiled MapReduce: Optimizing Resource Usages of Data- parallel Applications on Multicore with Tiling. The 19th International Conference on Parallel Architectures and Compilation Techniques

(PACT). pp.523–534. Vienna, Austria, September, 2010.

[8]   Xiang Song, Haibo Chen, Binyu Zang. Why Software Hangs and What can be done with it? The 40th Annual IEEE/IFIP International Conference on Dependable Systems and Networks (DSN-2010, DCCS Track, Practical Experience Reports) pp. 311–316 . Chicago, Illinois, USA, June, 2010.

[9]   Yijian Huang, Haibo Chen, Binyu Zang. Optimizing Crash Dump in Virtualized Environments. The 2010 ACM SIGPLAN/SIGOPS International Conference on Virtual Execution Environments (VEE-2010). pp. 25–36. Pittsburgh, PA, USA. March, 2010.

[10]   Silas Boyd-Wickizer, Haibo Chen, Rong Chen, Yandog Mao, Frans Kashoek, Robert Morris, Aleksey Pesterev, Lex Stein, Ming Wu, Yuehua Dai, Yang Zhang, Zheng Zhang. Corey: An Operating System for Many Cores. In 8th USENIX Symposium on Operating Systems Design and Implementation(OSDI-2008). pp.43-57. San Diego, CA, USA. December, 2008.

开设课程   高级系统设计与实现