

Biographical Sketch

Wenbing Zhao, Ph.D.

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Dr. Wenbing Zhao is an Assistant Professor of Electrical and Computer Engineering at Cleveland State University, Cleveland, Ohio, USA. He obtained his B.S. and M.S. degrees in Physics from Peking University, Beijing, China, in 1990 and 1993, respectively, and his M.S. and Ph.D. degrees in Electrical and Computer Engineering from University of California, Santa Barbara, in 1998 and 2002, respectively. Prior to joining Cleveland State University in 2004, Dr. Zhao worked as a post-doctoral researcher at University of California, Santa Barbara, and as a senior research engineer/chief architect at Eternal Systems, Inc. (renamed later as Availigent), which he co-founded in 2000.

Dr. Zhao's research interests include fault tolerance computing, computer and network security, peer-to-peer and grid computing, performance evaluation of computer systems, distributed control, quantum optics and superconducting physics. He has contributed 11 book chapters, and over 60 peer-reviewed journal and conference publications. He also has a US patent on consistent time service for fault tolerant distributed systems. His research work on the end-to-end latency characterization of a fault tolerant CORBA infrastructure won him the best paper award in computer systems at the 2002 International Symposium on Performance Evaluation of Computer and Telecommunication Systems. Recently, Dr. Zhao's paper won the Most Promising Research Award at the 2007 Middleware for Web Services Workshop. In 2008, Dr. Zhao received a research grant (CNS-0821319) from the National Science Foundation as the lead PI for the amount of \$150,000.

Since joining Cleveland State University in 2004, Dr. Zhao has developed four courses and taught on average two courses per semester. He has great passion for teaching and interacting with students both in and outside classrooms. His teaching effort was recognized by the Fenn College of Engineering and he received the Fenn College Distinguished Faculty Teaching Award in May 2007. Dr. Zhao also received a number of teaching innovation grants from Cleveland State University.

Dr. Zhao has been very active in professional services. Other than the Departmental duties, he has served on the technical program committee of a number of conferences/workshops, including the International Conference on Service-Oriented Computing, the IEEE International Conference on Embedded Software and Systems, and IEEE International Workshop on Heterogeneous Wireless Networks. He has also served as a reviewer for numerous top journals, including IEEE Transactions on Computer, IEEE Transactions on Dependable and Secure Computing, IEEE Transactions on Data and Knowledge Engineering, and ACM Transactions on the Web. Dr. Zhao is a member of Institute of Electrical and Electronics Engineers (IEEE) and a member of Association for Computing Machinery (ACM).