

Speaker Profile



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Xin Zhang is Associate Professor of the Department of Manufacturing Engineering at Boston University (BU), where she has a joint appointment to the Department of Aerospace and Mechanical Engineering. She received her Ph.D. degree in Mechanical Engineering from Hong Kong University of Science and Technology, Hong Kong, in 1998. From 1998 to 2001, she was a postdoctoral researcher and then a research scientist with Massachusetts Institute of Technology (MIT). Since joining the BU faculty in 2002, she has been leading the Laboratory for Microsystems Technology. Dr. Zhang is the author or co-author of 50+ journal publications, 70+ conference proceeding papers, and gave more than 100 conference presentations. She has served in the Technical Program Committee for both IEEE International Conference on MEMS (MEMS 'XX) and IEEE Solid State Sensors and Actuators Workshop (Hilton Head 'XX). Dr. Zhang is the recipient of Boston University SPRInG Award (2002), National Science Foundation Faculty CAREER Award (2003), and Boston University Technology Development Award (2004), and an Invitee of National Academy of Engineering, Frontiers of Engineering (2007).

Laboratory for Microsystems Technology, directed by Dr. Zhang, was founded in January 2002 as a college-wide, student-centered, interdisciplinary research and education program in the field of nano and microsystems for biomedical, energy and defense applications. The LMST Group performs research on MEMS and NEMS. Specifically, the group is interested in applying materials science, micro/nanomechanics, and micro and nanomanufacturing technologies to solve various engineering problems that are motivated by practical applications in MEMS/NEMS and emerging nanobiotechnologies.