



學術報告

Compressive Covariance Sensing



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Biography: Zhi Tian is a Professor in the Electrical and Computer Engineering Department of George Mason University, Fairfax, VA, as of January 2015. Prior to that, she was on the faculty of Michigan Technological University from 2000 to 2014. She served as a Program Director at the US National Science Foundation from 2012 to 2014. Her general interests are in the areas of signal processing, communications, detection and estimation. Specific areas of expertise have included ultra-wideband communications, MIMO systems, statistical sensor array processing, adaptive filtering, multi-target tracking, data fusion, Bayesian inference, and decision network theory and applications. Current research focuses on compressed sensing for random processes, statistical inference of network data, cognitive radio networks, and distributed wireless sensor networks. She is an IEEE Fellow. She served as Associate Editor for IEEE Transactions on Wireless Communications (2002-2008) and IEEE Transactions on Signal Processing (2006-2009). She is a Distinguished Lecturer of the IEEE Vehicular Technology Society (2013-2015) and the IEEE Communications Society (2015-2016).