**Speaker Profile – Nan Xia**



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**Biography**

Dr. Nan Xia received the B.S. degree in Electrical Engineering in 2006 from Dalian Jiaotong University, Dalian, China. He received the Ph. D. degree in Signal and Information Processing in 2012 from Dalian University of Technology, Dalian, China. From September 2009 to September 2010 he was a visiting scholar with Smart Antenna Research Laboratory (SARL) at Georgia Institute of Technology, Atlanta, U.S.A.

He became an engineer of State Radio Monitoring Center, Beijing, China, in 2013.

His research interests lie in the general field of signal processing theory and focus on nonlinear filtering and parameter estimation, and his research interests often tend toward communication signal localization techniques and applications, such as

1. HF/UHF/VHF signal time-difference-of-arrival (TDOA) localization;

2. Satellite interference TDOA/FDOA localization;

3. Doppler direction finding method for single channel receiver.

4. RF signal recognition.