

MILCOM:08

ASSURING MISSION SUCCESS

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Dr. Matthew James Sherman

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Engineering Fellow, Advanced Communications
BAE Systems – Network Systems

Dr. Matthew Sherman first joined BAE Systems (then Singer Kearfott) in 1984 and spent 10 years working on various military spread spectrum and satellite systems projects. In 1995 he joined that part of AT&T Bell Laboratories which became AT&T Labs when the Lucent spin-off occurred in 1996. While at AT&T, Dr. Sherman worked on many access related projects, including the VoiceSpan satellite system, "Project Angel" fixed wireless efforts, 802.14 and DOCSIS cable activities, home phone-line networking (HomePNA), Ultra-Wideband (UWB), Power Line Carrier (PLC), Free Space Optics (FSO), High Altitude Platforms (HAPs) and AT&T's IEEE 802.11 activities (802.11 Tge on QoS).

In 2003, he left AT&T Labs Research to return to BAE Systems. He is actively developing waveforms and networking technologies for tactical and satellite communications. He is focused on supporting BAE Systems 802.16 activities, Cognitive Radio, various DARPA pursuits such as DIMA and programs such as WIN-T. Dr. Sherman is a member of 802.16, and vice chair of the IEEE 802 LAN/MAN Standards Committee (LMSC). He has written many technical papers and holds many patents.

Dr. Sherman holds a doctorate (1992), a master's degree in electrical engineering (1983), and a bachelor's degree (1983) from Stevens Institute of Technology.