

Keynote Speaker



Mr. David R. Martinez is Head of the Sensor Systems Division at MIT Lincoln Laboratory. He received his Bachelor's degree from New Mexico State University in 1976, and his M.S. degree from MIT, and the E.E. degree jointly from MIT and the Woods Hole Oceanographic Institution in 1979. He completed an M.B.A. from the Southern Methodist University in 1986. He has attended the Program for Senior Executives in National and International Security at the John F. Kennedy School of Government, Harvard University. He was elected IEEE Fellow in 2003.

The Sensor Systems Division, consisting of over 300 people, focuses on sensor systems addressing advanced techniques and prototypes for surface surveillance, laser systems, active and passive adaptive array processing, integrated sensing and decision support, and undersea warfare.

Mr. Martinez joined MIT Lincoln Laboratory in 1988 and was responsible for the development of a large prototype space-time adaptive signal processor. Prior to joining MIT Lincoln Laboratory, he was Principal Research Engineer at ARCO Oil and Gas Company and was responsible for a multidisciplinary company project to demonstrate the viability of real-time adaptive signal processing techniques. He received the ARCO special achievement award for the planning and execution of the 1986 Cuyama Project, which provided a superior and cost-effective approach to 3-D seismic surveys. He holds three U.S. patents.

From 1997 to 1999, he was the founder and chairman of a national workshop on high performance embedded computing. He has also served as keynote speaker at both the Real-Time Systems Symposium and the Second International Workshop on Compiler and Architecture Support for Embedded Systems. He was appointed to serve in the Army Science Board from 1999 to 2004. From 1994 to 1998, he was Associate Editor of the *IEEE Signal Processing Magazine*.