

## CHIEF DELEGATE BIOGRAPHY

### USA – Chief Delegate Biography

<b>First Name</b>	Michael	
<b>Last Name</b>	Gaitan	
<b>Title/Position</b>	Project Leader	
<b>Affiliation</b>	NIST	
<b>Email</b>	<a href="mailto:gaitan@nist.gov">gaitan@nist.gov</a>	

Dr. Michael Gaitan leads NIST's Acoustics and Vibration Project. The Project's mission is to advance measurement science, provide calibrations, and lead international standards development for acceleration, audio, and ultrasonic measurements. He supports standards development and technology roadmapping for the rapidly growing "More than Moore" segment of the semiconductor electronics industry and chairs the iNEMI and ITRS Microelectromechanical Systems (MEMS) Technology Working Groups, which publishes the MEMS Chapter of the iNEMI and ITRS Roadmaps. He was an early promoter for standardization needs in MEMS. He established the NIST MEMS research program on Standardized Test Methods for MEMS technologies, the MOSIS CMOS MEMS foundry service. He also advanced MEMS device technologies that include microhotplate gas sensors, IR flat panel displays, microwave passive resonant filters and power sensors, and microfluidic device fabrication technologies. Dr. Gaitan is a senior member of the IEEE. He has published over 100 archival journal papers and holds over 15 patents.