

Lockheed Martin's Interests and Needs in Nanotechnology/MEMS for Aerospace



Sharon Smith, Ph.D.

Director, Advanced Technology

Corporate Engineering and Technology, and for Electronic Systems

Dr. Smith will highlight a few of the nano- and micro-scale projects currently being conducted at Lockheed Martin. She will also describe some of the interests and needs in the nanotechnology/MEMS areas that we feel are important to the aerospace industry. Areas to be covered will include computing, sensing, energetics, robotics and a variety of materials.

Sharon Smith has a Ph.D. in Analytical Chemistry from Indiana University and Bachelor's and master's degrees in Chemistry from Indiana and Purdue Universities. She has over 25 years of experience in management, program management, engineering, and research and development at Eli Lilly and Company, IBM Corporation, Loral, and Lockheed Martin Corporation.

Dr. Smith is the prior chair of the Lockheed Martin Steering Group on Microsystems/MEMS (Micro Electro Mechanical Systems) and is currently the chair of the Corporation's Steering Group on Nanotechnology. She has more than thirty technical publications and has given numerous technical presentations in the US and Europe.

2:00 - 3:30 p.m., Thursday, April 3
105 Nedderman Hall

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