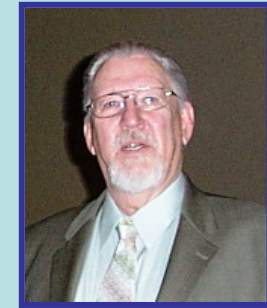




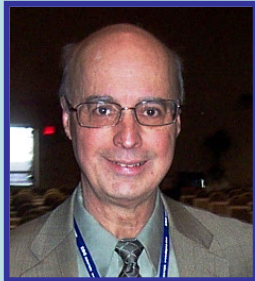
C. Mullett



A. Laviano



A. Alderman



G. Castellucci

PSMA Inaugural Public Nanotechnology Initiative

SP1.1 Nanotechnology

Primrose A

Session Chairs:

Chuck Mullett, *ON Semiconductor*

Anthony Laviano, *NanoWorld*

Arnold Adleman, *Anagenesis*

SP1.1.1: Funded Research Today

G. Castellucci, *National Institute of Standards and Technology*

SP1.1.2: Overview of Nanotechnology Applications and Relevant Intellectual Property

J. Rosedale, *Woodcock Washburn, LLP*

SP1.1.3: Thermal Management at the Nanoscale

A. Balandin, *University of California*

SP1.1.4: Nanostructure Materials for Lithium-Based Energy Storage

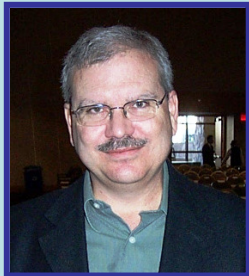
N. Hudak, *Sandia National Laboratories*

SP1.1.5: Development of Piezoelectric Nanocomposites for Energy Harvesting and Storage

K. Loh, *University of California*

SP1.1.6: Manufacture of Nano Structures of Power Electronic Application

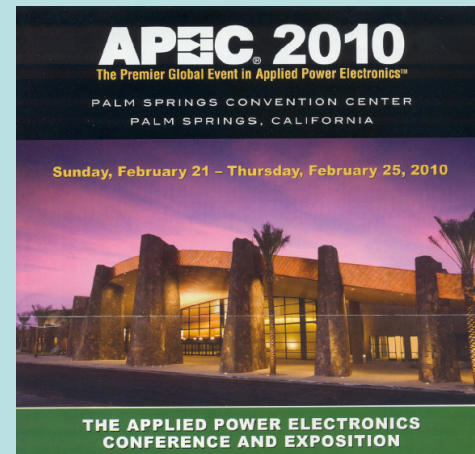
B. Hunt, *Etomate*



B. Hunt



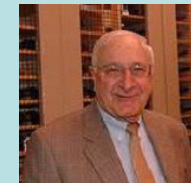
N. Hudak



Time: 3:00 pm – 3:30 pm

Speaker: Dr. Anthony F Laviano
"Nanotechnology: The Reality - The Promise"

Chairman and Founder
NANOWorld®



Nanotechnology for the past several years has been highlighted in the research, engineering and business communities. It has made its way into research papers, national publications and has fostered an incubated growth industry. Governments have called nanotechnology the next industrial revolution. Industries are successfully groping for its application and use. The workforce is encouraged to explore its advantages for growth and competitive advantage. Engineering designers look upon nanotechnology solving design solutions that address size, weight and power. This presentation will encompass the understanding of nanotechnology, survey the present environment, highlight applications and point to the role of power at the nanoscale.



J. Rosedale



K. Loh



A. Balandin