



**SAN FRANCISCO BAY AREA
NANOTECHNOLOGY COUNCIL**

December 2007 Seminar

**Subject: Small Stuff in Search of the Big Bucks:
Nanotechnology Commercialization by Sector**

Speaker: Kristin Abkemeier, Ph.D., Analyst at Lux Research, Inc.

Date: Tuesday, December 18, 2007

Time: Registration & light lunch 11:30am. Presentation & Q/A 12:00 to 1pm

Location: National Semiconductor Bldg E-1 CMA Room. 2900 Semiconductor Drive, Santa Clara, CA
<http://www.google.com/search?hl=en&q=2900+Semiconductor+Drive.+santa+clara%2C+ca&btnG=Google+Search>

Cost: IEEE Members and Students \$5. Non-Members \$10

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Talk Abstract:

Nanotechnology is shifting from research labs to markets, as world investments reached \$12.6 billion in 2006. With the first applications in-market in the materials, electronics and energy, and life science sectors, the impact of nanotechnology in different industries varies from broad and incremental in nature, to high and narrow in scope. While material performance has already been transformed, disruptive technologies are still in development. Successful commercialization of nanotechnology applications depends on executing, finding market pull, and partnering.

Speaker Biography:

Dr. Abkemeier is an Analyst at Lux Research where she covers a broad range of emerging technologies including nanotechnology, semiconductor memory, solar power, and alternative power and energy storage. Her research and analysis help Lux Research clients to form strategic decisions by providing information that expands upon traditional business metrics. Her scientific research experience includes experimental and computational investigations of phenomena in several different semiconductor systems of interest to the field of fundamental physics. Kristin has published several articles in leading physics journals and has also worked as an information technology software developer and science communicator. She holds a Ph.D. in experimental condensed matter physics from the University of Chicago and a bachelor's degree in electrical engineering from Princeton University.