

SEMI® International MEMS Steering Group – General Meeting



Nanotechnology Update

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SEMI

SEMICON Europa 2004

Nanotechnology – What's going on?

- SEMI's "Emerging Technology" Strategy covers MEMS and nanotechnology
 - MEMS: strong industry push in 2002/2003 to start international initiative involving all major SEMI core competencies
 - Nanotechnology: Recent spurt of interest, primarily from U.S. companies
 - SEMI proactively seeking commonalities in association's approach

Nanotechnology – Activities so far

- Several teams formed with SEMI staff and industry volunteers to investigate and create
 - NanoForum 2004
 - Needs analysis
 - Standards cooperation effort with IEEE
 - Funding
 - Partnering, formal liaisons for information exchange

A New Conference – NanoForum 2004

- NanoForum 2004
 - Austin, TX – November 14-17, 2004
 - First ever SEMI nanotechnology conference
 - Four-day event includes:
 - a tutorial on the basics of nanotechnology taught by the University of Texas
 - tabletop exhibits
 - presentations by eight nanotechnology companies focusing on the technical needs of their industries and markets
 - presentations by semiconductor equipment and materials companies defining technologies that could be applicable to nanotechnology
 - workshops to facilitate ongoing cooperation and communication

NanoForum 2004 (cont'd)

- Conference benefits and features:
 - For SEMI Members: Learn about potential new markets for your products and services.
 - For Nanotechnology Companies: Learn how existing technologies in the semiconductor industry might be applicable to your businesses.
 - For all: SEMI NanoForum will provide superb networking opportunities for all attendees. Exhibitors will garner excellent exposure for their products and services.

– Who Should Attend

- Semiconductor equipment and materials suppliers
- Nanotechnology companies
- Universities
- Government laboratories
- Economic development agencies