

ANSI-NSP



ANSI Nanotechnology Standards Panel (ANSI-NSP)

Webinar

December 5, 2013

Dr. Shaun Clancy – Co-Chair

Dr. Ajit Jillavenkatesa – Co-Chair

**ANSI
Nanotechnology
Standards
Panel**

Welcome and Opening Remarks

Standards Matter....



Courtesy: www.treehugger.com
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ANSI-NSP Background

- Established in June, 2004 in response to a request by Dr. John Marburger, Director of the Office of Science and Technology Policy in the Executive Office of the President
 - Panel is a cross-sector coordinating body for the purposes of facilitating the development of standards in the area of nanotechnology including, but not limited to, nomenclature/terminology; health, safety and environmental aspects; materials properties; and testing, measurement and characterization procedures.
 - Current ANSI-NSP co-Chairs:
 - Dr. Shaun Clancy, Evonik-Degussa
 - Dr. Ajit Jillavenkatesa, National Institute of Standards and Technology



ANSI-NSP Database: *nanostandards.ansi.org*

- Developed in response to recommendations made during the February 4, 2013 ANSI Nanotechnology Standards Panel Meeting
 - Recognized need for greater visibility of those nanotechnology standards already published and available for utilization
 - There are a number of standards organizations developing documents in this space; a single repository of information regarding all relevant standards activities would benefit the greater community



Purpose of the ANSI-NSP Database

- To capture information about standards and associated documents (standards, best practices, guidelines) that directly relate to nanomaterials and nanotechnology-related processes applications and products.
 - Database matrix itself is freely accessible
 - Crowd-sourcing effort: Organizations, national bodies and other interested parties working in this space are asked to register and provide information about relevant projects for general dissemination and utilization



Live presentation of the database

- *Nanostandards.ansi.org*



Update of Work Underway: Presentations from Relevant Standards Development Activities

- *ISO/TC 229 Nanotechnologies*
 - Dr. Ajit Jillavenkatesa
- *IEC/TC 113 Nanotechnology standardization for electrical and electronics products and systems*
 - Dr. Norbert Fabricius
- *ASTM E56 Nanotechnology*
 - Dr. Debra Kaiser
- **TAPPI**
 - Dr. Colleen Walker/Dr. World Nieh
- **Versailles Project on Advanced Materials and Standards (VAMAS)**
 - Dr. Stephen Freiman



Next steps and future ANSI-NSP Activities



Thank you for your participation!

- Presentations to be posted to ANSI-NSP Website
- Questions?
 - Shaun Clancy – shaun.clancy@evonik.com
 - Ajit Jillavenkatesa – ajit.jilla@nist.gov
 - Heather Benko – hbenko@ansi.org

