

Lucent Technologies' Bell Labs To Host Nanotechnology Standards Panel

January 18 2005

In support of the U.S. government's effort to encourage growth of the nascent nanotechnology industry, Lucent Technologies' Bell Labs will host the second meeting of the American National Standards Institute's Nanotechnology Standards Panel (ANSI-NSP) Steering Committee on Jan. 19. The meeting will be held at Lucent's Murray Hill, N.J., headquarters, which also is home to the New Jersey Nanotechnology Consortium (NJNC), a subsidiary of Lucent Technologies.

The ANSI-Nanotechnology Standards Panel strives to address standardization in a collaborative forum that supports academia, industry, investors and government agencies that utilize nanotechnology. It was formed in Aug. 2004, in response to an inquiry by the Office of Science and Technology Policy (OSTP) in the Executive Office of the United States President. The panel's first meeting was held Sept. 29-30, 2004.

Members of the panel's steering committee will meet under the direction of the three co-chairs: Dr. David Bishop, vice president, Nanotechnology Research, Bell Labs, Lucent Technologies and president, New Jersey Nanotechnology Consortium; Dr. Clayton Teague, director, National Nanotechnology Coordination Office (NNCO); and Dr. Vicki Colvin, professor of Chemistry, Rice University and director, National Science Foundation-sponsored Center for Biological and Environmental Nanotechnology (CBEN).

"Establishing standards is a critical step for moving nanotechnology

from the laboratory into commercial applications," said Bishop. "As the field of nanotechnology progresses and matures, Bell Labs and the NJNC will continue to support the important work of organizations such as ANSI-NSP."

Standardization topics already discussed by the panel include terminology and nomenclature, as well as materials properties, and testing, measurement and characterization procedures.

About The New Jersey Nanotech Consortium

The New Jersey Nanotechnology Consortium (NJNC) provides rapid and cost-effective access to world-class nanotechnology research and development services. A subsidiary of Lucent Technologies, based at and run by Bell Labs, the NJNC conducts basic and applied nanotechnology research and provides fabrication and packaging capabilities, fulfilling its mission of bringing nanotech ideas from concept to commercialization. The NJNC also is supported by the State of New Jersey, enabling participation of local research universities including Rutgers University, New Jersey Institute of Technology and The University of Medicine and Dentistry of New Jersey.

Citation: Lucent Technologies' Bell Labs To Host Nanotechnology Standards Panel (2005, January 18) retrieved 23 April 2024 from <https://phys.org/news/2005-01-lucent-technologies-bell-labs-host.html>

This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.