



LEHIGH NANOTECH NETWORK

WHERE INNOVATION AND COMMERCIALIZATION MEET

Dear LNN community,

A Welcome to New LNN Members

The LNN community has expanded with the addition of 4 new members in the third quarter of 2009. The LNN has more than doubled in size in the last year! A big welcome to our new members:

[LSI](#)

[The Incubation Factory](#)

[NanoBusiness Alliance](#)

[National Institute of Chemistry - Slovenia](#)

Update from LNN Member Company: Hysitron

A new and exciting collaboration between Lehigh and Hysitron involves the integration of Hysitron's nanomechanical test instrumentation into an FEI XL30 SEM and DB235 dual beam FIB. *In-situ*, quantitative measurements of nanomechanical properties inside the SEM are fully realized with Hysitron's instrumentation. Located in Minneapolis, Minnesota, Hysitron designs, produces, and services nanomechanical test instruments and has designed cutting-edge technology for the scientific community since 1992. As the pioneers of *in-situ* SPM imaging with nanoindentation and nanomechanical property measurement capabilities, Hysitron has grown with the nanotechnology market for almost two decades.

Reminder of the Websites for the LNN

Please join the "LNN" Discussion Group on Google Groups:

Where you find General information on new University facilities available to local businesses and Presentations from the LNN Regional Meeting "Enabling Solutions" => [Click here](#) for more details.

A Big thanks to "Energy Ways" Founder and President Pam Ryan for introducing the LNN to the Google Experience!

Also, please use the [join](#) link on the LNN Web site (www.lehigh.edu/lnn) to update your member information (ie. changes in your contact information) when necessary or to change the Focus Group to which your organization has been assigned.

Follow us on Twitter [Click here](#) !

Please visit these sites today!

Thank you for your assistance,
Joan Stanescu

Upcoming LNN Conferences/Meetings :

NANOTECH - GLOBAL PERSPECTIVE

How has Globalization affected the Nanotech Arena? Please see LNN website(www.lehigh.edu/lnn) for details and registration.

Date: April 22th, 2010
Location: Woodcock Washburn, Cira Ctr., 2929 Arch St., Philadelphia(next to 30th St. Station)

NANO FOR BUSINESS CONFERENCE 2010

We are all looking for the best solutions to our business problems. Please see LNN website (www.lehigh.edu/lnn) for details and registration.

Date: May 26th, 2010
Location: Iacocca Hall, Lehigh University

Upcoming Regional Conferences/Meetings :

Polymeric Nanocomposites 2010 - Sponsored by the Society of Plastics Engineers, Lehigh Valley Section

Processing, Electrical Behavior, and applications of Polymer Nanocomposites will be discussed. [Click here](#) for more details.

Date: March 8-10, 2010
Location: Rauch Business Ctr., Lehigh University

NanoBusiness Alliance Conference - NYC: Nanotechnology Products 2010

[Click here](#) for more details. Please email vince@nanobusines.org to

LNN Secretary

Chairman's Note

January 2010

At the January LNN Executive Board meeting, we discussed how to increase member participation and value. With total membership of almost 120, there are many opportunities for building relationships and partnerships with colleagues in the nanotechnology realm. We are finding a wide variety of interesting and interested new members, and our challenge now is not expansion, but adding more value to LNN membership. One of our goals is to build member participation and to structure LNN programs around the most important current issues and needs.

We would like to increase the number of Sustaining Members, and use our modest member fees in ways that are most beneficial to them. For example, we will continue to support student internships, sponsor network functions to promote your business, and provide contacts and advice related to nanotechnology implementation. There may be other ways that LNN can help, so you will be asked to complete a "Member Profile" and state something about your organization, your interests related to nanotech, your needs, and ways that you might contribute to the LNN. Your responses will also allow us to confirm your Focus Group interests and expand our contacts. We have not formally updated our member information in several years, so updating your profile is important to better define programs and benefits, and to confirm our strengths and opportunities as an organization.

Nanotechnology remains a key component of many businesses of critical importance to PA and surrounding states. [Click here](#) for information on **Governor Rendell: \$5.7 Million Investment in Nanotechnology**. These businesses will play a major role in maintaining a viable and competitive technology-based economy in the region. The LNN must be active in ensuring that this happens, so thank you in advance for your ideas and participation.

Sincerely,
Gene Lucadamo
Academic Chair

register

Date: April 20, 2010
Location: Marriot Marquis,
NYC

What You Should Know:

Governor Rendell: \$5.7 Million Investment in Nanotechnology=>Approved as of January 28th!

[Click here](#) for more details.

Funding Opportunities:

PA Initiative for Nanotechnology(PIN) PowerPoint presentation provides overview of DCED and BFTDA nanotech investments in PA

In Pennsylvania, micro and nanotech are being advanced as enabling technologies that are bringing innovative projects to the next generation of development. Funding through the [Ben Franklin Technology Development Authority \(BFTDA\)](#) and other PA DCED programs since 1998 has grown the PIN initiatives to levels of national recognition for innovation and educational contribution. [Click here](#) for more details.