

InterNano

---

InterNano
a project of National Nanomanufacturing Network

Resources for Nanomanufacturing

**Browse by Subject**

**Highlights**

**Regional State Local Initiatives in Nanotechnology**

**Directory**

**Expert Reviews**

**Processes**

**Nanoscale Science and Engineering Centers**

**Library**

**User Facilities**

**Calendar**

**Now Accepting Public Comment on the draft NNI 2014 Strategic Plan**

*Press Releases*

The U.S. National Nanotechnology Initiative requests public comment on the draft 2014 NNI Strategic Plan. Comments may be submitted through <http://nano.gov/2014strategy> or to [2014NNIStrategy@nnci.nano.gov](mailto:2014NNIStrategy@nnci.nano.gov).

Comments of approximately one page or less in length (4,000 characters) are requested and must be received by 11:59 p.m. EST on December 18, 2013 to be considered. Please reference page and line numbers in your response as appropriate.

Please do not include in your comments information of a confidential nature, such as sensitive personal information or proprietary information. Responses to this notice are not offers and cannot be accepted by the Federal Government to form a binding contract or issue a grant.

[Read more...](#)

**What is Nanomanufacturing?**

Nanomanufacturing is the essential bridge between the discoveries of the nano sciences and real-world nanotechnology-enabled products.

[Read more...](#)

**Industry News**

- Printing Batteries
- WSU grad starts company with credit card, expects 2014 revenue of \$500K - Crain's Detroit Business
- Forecast Report on Nanotechnology in Global Touch Panel Transparent Conductive Film Market
- Stanene - will two-dimensional tin be the next supermaterial?
- John A. Rogers wins American Ingenuity Award from Smithsonian Magazine
- Dr Garrett to Discuss Nanotechnology Importance in Global Markets at Foresight Technical Conference

[About](#) [Contact](#) [Terms of Use](#) [Feedback](#) [Site Map](#)

© 2013 University of Massachusetts Amherst

This project is supported by the  
National Science Foundation  
CMMI-1025020  
Center for Hierarchical Manufacturing

**InterNano**  
Resources for Nanomanufacturing

a project of National Nanomanufacturing Network

For Researchers For Industry Resources Events News About Login

Home > About > InterNano

## About InterNano

August 14, 2007

InterNano is an information resource for the nanomanufacturing community. It is a service of the National Nanomanufacturing Network.

### Mission

InterNano supports the information needs of the nanomanufacturing community by bringing together resources about the advances in applications, devices, metrology, and materials that will facilitate the commercial development and/or marketable application of nanotechnology.

### Activities

InterNano, a service of the National Nanomanufacturing Network, informs and connects the nanomanufacturing community of researchers and practitioners. InterNano creates, collects, contextualizes, and disseminates relevant and timely resources, such as news highlights, reviews, processes, and topical assessments of the current state of practice in nanomanufacturing. Visitors can both use these resources and contribute information to the InterNano knowledgebase. InterNano works cooperatively with complementary informatics initiatives to facilitate data sharing among groups engaged with aspects of nanomanufacturing. InterNano is not a source of original scientific research. Editorial oversight is provided by the National Nanomanufacturing Network.

### Scope

Areas of coverage include:

- nanomanufacturing processes
- tools for nanomanufacturing
- nanoscale objects and nanostructured materials
- nanomanufacturing characterization techniques
- environmental, health and safety considerations for nanomanufacturing
- social and economic implications of nanomanufacturing
- informatics and standards for nanomanufacturing
- commercialization, regulation and intellectual property

### More

National Nanomanufacturing Network  
Information for Contributors  
InterNano Governance  
Last updated: August 09, 2013

**Tags:** About

< Previous  
< Back

About Contact Terms of Use Feedback Site Map © 2013 University of Massachusetts Amherst

This project is supported by the National Science Foundation CMMI-1025020 Center for Hierarchical Manufacturing

Most Recent Related Most Read

- Public Comment Requested for Manufacturing Network's Suggested Metrics, IP Guidelines
- Now Accepting Public Comment on the draft NNI 2014 Strategic Plan
- NIA unveils its Regulatory Monitoring Database
- Request for Information: NNI Nanotechnology for Sensors and Sensors for Nanotechnology Signature Initiative
- Digital Nanomanufacturing Agenda Fosters Grass Roots Collaborations

**Content:**  
Collecting and creating content to establish nanomanufacturing as an essential sub domain of nanotechnology

**Community:**  
Enabling people to identify themselves as nanomanufacturing practitioners and engaging this community

**Informatics:**  
Presenting tools as well as information to facilitate decision making

InterNano combines three component areas and brings them together through a single, unified interface.

InterNano

a project of National Nanomanufacturing Network

Resources for Nanomanufacturing

Search

[Advanced Search](#)

BROWSE

Collections

Document Type

Latest Additions

Person

Taxonomy

Year

Deposit an Item

About the Library

InterNano

Login

Create Account

## Welcome to InterNano Nanomanufacturing Library

Atom
 RSS 1.0
 RSS 2.0

### Latest Additions

Baucher, Marie-Ange and Scott, Richard and Cannizzaro, Chris and Standridge, Stacey and Nesbitt, Elizabeth and Fadel, Tarek. (2013) [Symposium on Assessing the Economic Impact of Nanotechnology: Synthesis Report](#). Project Report. Organisation for Economic Co-operation and Development.

Morse, Jeffrey. National Nanomanufacturing Network. (2013) [Nanomanufacturing Summit 2013](#). NNN Newsletter, 6 (6).

Morse, Jeffrey. National Nanomanufacturing Network. (2013) [Latest Manufacturing Institutes Compliment Nanoinformatics and Nanomanufacturing Initiatives](#). NNN Newsletter, 6 (5).

Rung, Skip and Kadtko, James and Holdridge, Geoff and Johnson, Pat. National Science and Technology Council Committee on Technology, National Science and Technology Council Subcommittee on Nanoscale Science, Engineering, and Technology, Oregon Nanoscience and Microtechnologies Institute. (2013) [Regional, State, and Local Initiatives in Nanotechnology: Report of the National Nanotechnology Initiative](#). Project Report. National Nanotechnology Initiative.

Morse, Jeffrey. National Nanomanufacturing Network. (2013) [Triennial Review of the National Nanotechnology Initiative Reiterates Need for Information Exchange, Effective Technology Transfer, and Commercialization](#). NNN Newsletter, 6 (4).

Morse, Jeffrey. National Nanomanufacturing Network. (2013) [Nanomanufacturing Accelerates Body-Worn Electronic Monitoring Systems](#). NNN Newsletter, 6 (3).

Morse, Jeffrey. National Nanomanufacturing Network. (2013) [Next Generation Nanotechnology Infrastructure Looking to Broaden Base](#). NNN Newsletter, 6 (2).

Morse, Jeffrey. National Nanomanufacturing Network. (2013) [EU's Graphene Flagship Initiative: A Public-Private Partnership of Unprecedented Scale](#). NNN Newsletter, 6 (1).

Yardley, James T. and Wesler, Jeff. (2012) [Workshop on Nanotechnology Infrastructure: Final Report](#). Project Report. National Science Foundation. (Unpublished)

Tuominen, Mark T.. (2012) [Nanotechnology Training for K12 Science Teachers at the NSEC Center for Hierarchical Manufacturing](#). Center for Hierarchical Manufacturing. (Unpublished)


---

InterNano Nanomanufacturing Library supports [OAI 2.0](#) with a base URL of <http://eprints.internano.org/cgi/oai2>

This project is supported by the National Science Foundation under Grant No. [CMMI-1025020](#)  
[Center for Hierarchical Manufacturing](#)

InterNano Nanomanufacturing Library is powered by [EPrints 3](#) which is developed by the [School of Electronics and Computer Science](#) at the University of Southampton. [More information and software credits.](#)

InterNano


 National  
Nanomanufacturing  
Network  
a project of

Resources for Nanomanufacturing

Search

Advanced Search

---

BROWSE

Collections

Document Type

Latest Additions

Person

Taxonomy

Year

---

Deposit an Item

About the Library

InterNano

---

Login

Create Account

## About the Library

---

The Internano Nanomanufacturing Library is a central digital repository of nanomanufacturing research and trade information for the nanomanufacturing community. It is administered by the [National Nanomanufacturing Network](#) and funded by the National Science Foundation.

Central repositories—or subject, thematic, or disciplinary repositories—bring the scholarly outputs of a single domain together to a single point of access. Examples of central repositories include [arXiv](#), [RePec](#), [e-US](#), and [PubMed](#).

This site is powered by [EPrints 3](#), free software developed by the University of Southampton.

Content Policy

- The Internano Nanomanufacturing Library accepts any scientific, scholarly, or technical work relevant to the nanomanufacturing enterprise.
- The work must be in a digital format ready for public dissemination. Works comprised of multiple files and file formats are supported.
- Suitable works include pre-prints (pre-refereed journal papers), post-prints (post-refereed journal papers), conference papers or posters, presentations, technical papers, reports and working papers, books and book chapters, newspaper and magazine articles, newsletters, and data.
- All submissions are approved by the repository staff before being posted.

Copyright

The inclusion of works in the Internano Nanomanufacturing Library is an extension of an author's copyright to the work. Authors are responsible for clearing any copyright restrictions on the electronic distribution of their work. [SHIRPA/BoMEQ](#) is a searchable database of publisher's copyright and self-archiving policies.

More about [copyright](#), [author rights](#), and [open access](#)....

Deposit Agreement

To ensure that works are submitted in accordance with copyright law, Internano includes a click-through deposit agreement to declare responsibility for copyright. The language of that agreement is included here for your convenience.

**For work being deposited by its own author:**

In self-archiving this collection of files and associated bibliographic metadata, I grant Internano the right to store them and to make them permanently available publicly for free on-line. I declare that this material is my own intellectual property and I understand that Internano does not assume any responsibility if there is any breach of copyright in distributing these files or metadata. (All authors are urged to prominently assert their copyright on the title page of their work.)

Internano recommends [Creative Commons](#) licenses for authors who wish to assert copyright and promote further use of their work.

**For work being deposited by someone other than its author:**

I hereby declare that the collection of files and associated bibliographic metadata that I am archiving at Internano is in the public domain. If this is not the case, I accept full responsibility for any breach of copyright that distributing these files or metadata may entail.

Preservation



Internano is intended to be a permanent record of the nanomanufacturing enterprise. It is the responsibility of Internano to preserve submitted content using accepted preservation standards and techniques.

Authors may request to add updated documents to a work's record; posting updated versions along with the original material is the preferred way to show the progress of research.



A work may be removed at the author's request or if it is found to fall outside of the scope of the repository. A work may also be removed if it is found to violate copyright law. When it is necessary to remove a work, a placeholder will be left behind to inform readers that the content has been deliberately withdrawn.

Support

Internano repository staff are available to assist with the uploading of works to the repository. Contact [internano@internano.org](mailto:internano@internano.org) for general questions, questions about copyright and open access, or technical assistance.

This project is supported by the National Science Foundation under Grant No. [CMMI-1026220](#)  
Center for Hierarchical Manufacturing

Internano Nanomanufacturing Library is powered by [EPrints 3](#) which is developed by the [School of Electronics and Computer Science](#) at the University of Southampton. [More information and software credits.](#)

**InterNano**  
Resources for Nanomanufacturing

a project of National Nanomanufacturing Network

Search

For Researchers For Industry Resources Events News About Login

Home > About > Information for Contributors

### Information for Contributors

As an information clearinghouse, InterNano both aggregates existing resources related to nanomanufacturing and creates original commentary on those resources, including news highlights, review and feature articles, and topical assessments of the current state of practice in nanomanufacturing. InterNano is not a source of original scientific research. Editorial oversight is provided by the National Nanomanufacturing Network.

**Submit Information**

InterNano accepts press releases, research announcements and citations, calls for papers, images, and events information. All submissions are subject to approval by the site administrators before being published.

- [Submit your content.](#)

The InterNano Directory welcomes all registered users to enter their professional information and areas of expertise.

- [Browse the Directory](#)
- [Register now!](#)

**Write Original Content**

InterNano accepts the following kinds of original content for publication:

- **Expert Reviews** -- review articles of 1 to 2 pages that objectively summarize newly published research and state its relevance for nanomanufacturing, including: contextual information for the problem at hand, the novelty of the material/process/device/system being reported, description of the research, potential applications, and remaining challenges for large-scale implementation. See our [Style Guide \(PDF\)](#).
- **Topics in Nanomanufacturing** -- medium-length, encyclopedia-like assessments of the current state of practice for a particular topic relevant to the nanomanufacturing community, such as: solar cells, occupational hygiene, targeted drug delivery, so on. See our [Style Guide \(PDF\)](#).

By publishing content on InterNano you will not only make an important contribution to the growing body of nanomanufacturing literature, you will also bring visibility to the domain and to the experts who are engaged with it. InterNano recommends [Creative Commons licenses](#) for all original content.

If you are interested in writing a review or topic page for InterNano, please email [jessica@internano.org](mailto:jessica@internano.org) with a statement including your name, affiliation, area of expertise, and a brief description of your contribution.

*Last updated: May 28, 2013*

**Tags:** About

◀ Previous      Next ▶  
◀ Back

Most Recent    Related    Most Read

- Public Comment Requested for Manufacturing Network's Suggested Metrics, IP Guidelines
- Now Accepting Public Comment on the draft NNI 2014 Strategic Plan
- NIA unveils its Regulatory Monitoring Database
- Request for Information: NNI Nanotechnology for Sensors and Sensors for Nanotechnology Signature Initiative
- Digital Nanomanufacturing Agenda Fosters Grass Roots Collaborations

About    Contact    Terms of Use    Feedback    Site Map    © 2013 University of Massachusetts Amherst

This project is supported by the National Science Foundation  
CMMI-1025020  
Center for Hierarchical Manufacturing



## **InterNano Advisory Board**

### **Overview**

The National Nanomanufacturing Network (NNN) is an alliance of academic, government and industry partners that cooperate to advance nanomanufacturing strength in the U.S. As part of its mission, the NNN offers a digital library and information clearinghouse service to the academic, industrial, and government stakeholders in nanomanufacturing.

### **Mission and Objectives:**

The mission of InterNano is to support the nanomanufacturing research and development community as a comprehensive service that collects, organizes, and distributes information for and about the nanomanufacturing domain.

To obtain its goal of becoming the premier information service for the nanomanufacturing community, InterNano will:

- Provide directories and databases of nanomanufacturing processes and nanostructured materials properties
- Offer a standardized vocabulary for resource discovery and domain definition
- Make timely educational materials, workshop reports, and nanomanufacturing events information publicly available
- Facilitate networking and information exchange between nanomanufacturing community members
- Increase exposure to scientific literature being published in nanomanufacturing
- Aggregate publicly available information (news, events, job listings, grant opportunities)
- Curate collections of domain-specific products, including images

### **Advisory Board Role**

The Advisory Board will:

- Serve as a focus group for InterNano feature and content development;
- Be available as resources for contacts and domain expertise;
- Advocate InterNano within members' communities;
- Identify new opportunity areas for added value development of InterNano.

Membership to the Advisory Board requests a one-year, renewable commitment; members will be listed on the InterNano web site.

The advisory board will confer three to four times per year via conference call or web-based meeting for updates and discussion. The advisory board will provide feedback and advice to the steering committee and project team on these occasions, and informally throughout the year.

State and national academic researchers, federal research officials, and industry partners will constitute the board.

