



Workshop on Nanoinformatics Strategies

June 12-13, Westin Arlington Gateway Hotel

801 North Glebe Road · Arlington, Virginia 22203 · Phone: (703) 717-6200

Room location: Hemingway 2&3 (second floor)

Final Agenda

Tuesday June 12 – Hemingway 2&3

12:00 pm Start of working lunch (Room adjacent to Hemingway)

12:30 pm **Welcome** (during lunch), Richard Buckius, Assistant Director of Engineering, National Science Foundation

12:40 pm **Workshop Introduction, Purposes And Goals** (during lunch), Mark Tuominen, UMass Amherst CHM/NNN

1:00 pm **nanoHUB.org: Cyberinfrastructure for Nanotechnology Research and Education**, Michael McLennan, Purdue University

1:30 pm **caBIG/caNanoLab** – NIH Informatics, Peter Covitz and Linda Molnar, NIH-National Cancer Institute

2:10 pm **InterNano: An Information Clearinghouse for the Nanomanufacturing Community**, Rebecca Reznik-Zellen, UMass Amherst, CHM/NNN

2:40 pm Break

3:00 pm **ONAMI Knowledgebase of Nanomaterial-Biological Interactions (NBI), and NWNanoNet(TM) Shared Facility Remote Access Demonstration**, Skip Rung, Oregon Nanoscience and Microtechnologies Institute

3:30 pm **Nanoparticle Information Library**, Mark Hoover, NIOSH/CDC

4:00 pm **CBEN/ICON EHS Database**, Vicki Colvin, Rice University, CBEN/ICON

4:30 pm **Roundtable Discussion on Nanoinformatics**

5:30 pm Close

6:00 pm Workshop dinner (in Westin hotel)

Wednesday June 13 – Hemingway 2&3

7:45 am Continental Breakfast

8:15 am **National Nanotechnology Initiative Perspectives**, Mike Roco, NSF

8:30 am **Nanoinformatics: Locate, Collaborate, and Integrate**, Brand Niemann, EPA

9:00 am **Cyberinfrastructure for Science and Engineering**, Sangtae Kim, Purdue University

9:30 am **InterNano Search: More Than Web Search**, James Allan, UMass Amherst, Computer Science

10:00 am Break

Wednesday June 13 (continued) -- Hemingway 2&3

10:20 am **Informatics in International Nanotechnology Standards**, Clayton Teague, National Nanotechnology Coordination Office

11:10 am **Semantic Data Mining The Web And Text**, David Mimno, UMass Amherst

11:40 am **Informatics Issues In Library-Based Dimensional Metrology**, John Villarrubia, NIST

12:00 pm Lunch

1:00 pm **NCLT: National Center for Learning Technology in Nanoscale Science and Engineering**, Robert Chang, Northwestern University

1:30 pm **Nanoinformatics at the Department of Energy**, Walt Warnick, OSTI DOE

2:00 pm **NNIN/C: National Nanotechnology Infrastructure Network's Computational Drive**, Michael Stopa, Harvard University

2:30 pm **Nanoinformatics Needs for the Nanotechnology Characterization Laboratory at the National Institutes of Health**, Martin Fritts, NIH-NCL

3:00 pm Break

3:10 pm **Roundtable discussion on Nanoinformatics Strategies: Goals, opportunities, cooperative activities, plans for follow-up activities and workshop report.**

5:00 pm Workshop close