

CONFERENCE ANNOUNCEMENT:
**9th Annual Conference on
FOUNDATIONS OF NANOSCIENCE:
SELF-ASSEMBLED ARCHITECTURES AND
DEVICES (FNANO12)**



Monday, April 16 – Thursday, April 19, 2012

FNANO Conference Overview: This is a yearly conference on foundations of nanoscience, maintaining the highest scientific standards and providing many opportunities for discussion and informal exchange of information and questions. Self-assembly is the central theme of the conference. Topics include experimental and theoretical studies of self-assembled architectures and devices, at scales ranging from nano-scale to meso-scale. The conference spans many traditional disciplines including chemistry, biochemistry, physics, computer science, mathematics, and various engineering disciplines including MEMS. Abstracts from the prior 8 years year's Conferences on Foundations of Nanoscience can be viewed at the archive web site ([FNANO04](#), [FNANO05](#), [FNANO06](#), [FNANO07](#), [FNANO08](#), [FNANO09](#), [FNANO10](#) and [FNANO11](#)). This year's 9th Conference on Foundations of Nanoscience ([FNANO12](#)) will have a mixture of invited talks by distinguished nanoscientists as well as contributed posters and open discussion periods to enhance attendee interaction with the goal of creating vibrant intellectual community in the area of self-assembly.

FNANO12 Webpage: <http://www.cs.duke.edu/FNANO/>

SPONSORING SOCIETY: International Society For Nanoscale Science, Computation and Engineering ([ISNSCE](#)). Other sponsors TBA on the conference web site.

CONFERENCE FORMAT: A combination of:

- invited and contributed talks, and
- posters and open discussion periods.

PAPER and POSTER SUBMISSIONS:

http://www.cs.duke.edu/FNANO/abstract_submission.html

ØSUBMISSION REQUIREMENTS: If you wish to present a talk or poster at FNANO12, you need to submit (by **Feb. 22, 2012**) an extended abstract of one to two pages in PDF format. Even if your talk is invited, you still need to submit an abstract by this date.

ØSUBMISSION METHOD: Submissions are electronic via <https://www.easychair.org/account/signin.cgi?conf=fnano12>

Acceptance/Rejection DECISIONS: determined by **March 1, 2012** (deadline for early registration is March 15, 2012)

CONFERENCE VENUE: The Conference will be at the **Snowbird Cliff Lodge, Snowbird, Utah**. It is 20 miles from Salt Lake International Airport.

FNANO12 CONFERENCE ORGANIZATION:

FNANO12 General Chair: [John H. Reif](mailto:reif@cs.duke.edu) <reif@cs.duke.edu>, Department of Computer Science, Duke University, Durham, NC

FNANO12 Program Chair: [Marya Lieberman](mailto:mliberm@nd.edu) <mliberm@nd.edu>, Dept of Chemistry and Biochemistry, Univ of Notre Dame, Notre Dame, IN

FNANO12 Program Committee: Track Chairs

Track on Integrated Synthetic Systems:

- **Track Chair:** Fraser Stoddart <stoddart@northwestern.edu> Department of Chemistry Northwestern University

Track on Synthetic Biology:

- **Track Chair:** [Carston R. Wagner](mailto:wagne003@tc.umn.edu) <wagne003@tc.umn.edu>, Department of Medicinal Chemistry, University of Minnesota, Minneapolis, MN

Track on Carbon Nanostructures:

- **Track Chair:** [Yuegang Zhang](mailto:yzhang5@lbl.gov) <yzhang5@lbl.gov>, The Molecular Foundry, Lawrence Berkeley National Laboratory, Berkeley, CA

Track on Self-Assembled DNA Nanostructures:

- **Track Chair:** [Nadrian Seeman](mailto:ned.seeman@nyu.edu) <ned.seeman@nyu.edu>, Dept of Chemistry, New York Univ, New York, NY

Track on Self-Assembled Surface Chemistry:

- **Track Chair:** [Lloyd Smith](mailto:smith@chem.wisc.edu) <smith@chem.wisc.edu>, Dept of Chemistry, Univ of Wisconsin, Madison, WI

Track on Self-assembled Protein Nanostructures:

- **Track Chair:** [Bogdan Dragnea](mailto:dragnea@indiana.edu) <dragnea@indiana.edu>, Department of Chemistry IU Bloomington IN

Track on Biomedical Nanotechnology:

- **Track Chair:** [Thomas LaBean](mailto:thlbean@ncsu.edu) <thlbean@ncsu.edu>, Materials Science &

Engineering, North Carolina State University, Raleigh, NC

Track on Molecular Motors:

- **Track Chair:** [Andrew Turberfield](#) <a.turberfield@physics.ox.ac.uk>, Dept of Physics, Oxford Univ, Oxford, UK

Track on Self-assembled Computer Circuit and System Architectures:

- **Track Chair:** [Chris Dwyer](#) <dwyer@ece.duke.edu>, Dept of Electrical & Computer Engineering, Duke Univ, Durham, NC

Track on Self-Assembly Across Scales:

- **Track Chair:** [Karl Bohringer](#) <karl@ee.washington.edu>, Dept of Electrical Engineering, Univ of Washington, Seattle, WA

Track on Top-down Meets Bottom-up:

- **Track Chair:** [Mark Stoykovich](#) <mark.stoykovich@colorado.edu>, Department of Chemical and Biological Engineering, University of Colorado–Boulder, Boulder, CO

Track on Computational Tools for Self-assembly:

- **Track Chair:** [William Shih](#) <William_Shih@dfci.harvard.edu>, Depts of Biological Chemistry and Molecular Pharmacology, Harvard Medical School, Boston, MA

Track on Principles and Theory of Self-Assembly:

- **Track Chair:** [Rebecca Schulman](#) <rschulm3@jhu.edu>, Chemical and Biomolecular Engineering, Johns Hopkins University, Baltimore, MD

PROGRAM TRACK CHAIRS RESPONSIBILITIES: Paper solicitation, Paper refereeing and acceptance decisions for papers in their track (in consultation with the Program Chair).

HOTEL ACCOMODATIONS:

<http://www.cs.duke.edu/~reif/FNANO/venue.html> We have negotiated the considerably reduced FNANO Conference rates of **\$99.00/night** for hotel rooms at the [Snowbird Cliff Lodge](#), where the Conference Sessions are held. (**Book Prior to March 10 to get reduced rates**)