

## 09/14/2012 Town Hall User Meeting (see attached slides)

- Agenda:
  - Intro of UEC
  - CNMS Status Update
  - UEC activities
  - Nominations for open seat on the UEC
- Activities
  - Monthly Telecon
  - Newsletter
  - User meeting
  - User feedback
  - NUFO meeting on Capitol Hill
  - External advisory Board
- Noninations for 2013
  - Vice Chair/Chair Elect
    - Vivek Prabhu
  - At Large:
    - Nina Balke
    - Marco Buonigiorno
    - Keith Neeves
    - Megan Robertson
    - Rafiel Verduzco
    - Vivek Prabhu
    - Dawen Li
    - Marian Kennedy
    - John-Paul Maria
    - Deyu Li
- Open Discussion
  - Changes to user meeting format
    - Increased attendance by 20%
    - Late in the day for the Town Hall Meeting is good
    - There was no response to the question of whether having a stand-alone meeting was good.
    - The split tracks for presentations was a good choice.
    - Should we consider having some activity earlier on Thursday and ending at noon on Friday so that there are two half days for the meeting.
  - User Surveys
    - There was some discussion about user surveys and whether the UEC user survey and the DOE user survey would be a substitute.
    - The UEC user survey is focused on what users want and/or need for their projects.
  - There was a reminder that there is a new proposal call.
  - End of meeting.



**CNMS User Group  
Town Hall Meeting**

**September 14, 2012**

**Martyn McLachlan**

**Imperial College London**

**2012 User Executive Committee Chair**

# Agenda

- **Introduction of 2012 UEC Members**
- **CNMS Status Update**
- **UEC Activities in 2012**
- **Nominations for 2013 UEC**
- **Open Discussion**
  - **Feedback on new User Meeting format?**
  - **User Surveys?**
  - **Other issues of interest to users?**

# Role of the UEC

**The purpose of the UEC is to provide a formal and direct channel for the exchange of information and advice between the management of the CNMS and the investigators who perform experimental and computational nanoscience-focused research at the CNMS.**

**The UEC will also serve as an advocacy group for the experimental and computational nanoscience-focused research activities at the CNMS.**

# 2012 UEC Members

**Chair**                    *Martyn McLachlan*                    (Imperial College, London)  
**Vice-Chair:**           **Tony Hmelo**                                (Vanderbilt University)  
**Secretary:**           **Milan Buncick**                              (AEGIS Technologies Group)

## At-Large Members:

*Nina Balke*                                      (ORNL/CNMS)  
*Marco Buongiorno Nardelli*                (U. of North Texas)  
*Vivek Prabhu*                                    (NIST)  
*Colin Wolden*                                    (Colorado School of Mines)  
**Nazanin Bassiri-Gharb**                      (Georgia Tech)  
**Michael Hickner**                              (Penn State)  
**Ichiro Takeuchi**                                (U. Maryland)

## Past Chair, ex officio member:

*Mark Dadmun*                                    (U. Tennessee)

# UEC Activities

- Monthly UEC Teleconference
- CNMS Newsletter (2 issues per year)
- User Meeting
- **User Feedback / Online Survey and Personal Enquiries**
- NUFO Capitol Hill Exhibition
- **External advisory board**

# Monthly Teleconference & Annual Meeting



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- [Other DOE/BES User Facilities](#)
- [DOE Basic Energy Sciences](#)

## User Group and User Executive Committee - Meeting Minutes

<b>CNMS User Group Business Meetings</b> <i>held during the annual User Meeting and open to all</i>	<b>User Executive Committee Meetings</b> <i>periodic meetings of the UEC and invited guests</i>
<a href="#">September 19, 2011</a>	<a href="#">September 19, 2011</a>
<a href="#">September 14, 2010</a>	<a href="#">September 13, 2010</a>
<a href="#">September 17, 2009</a>	<a href="#">September 17, 2009</a> (joint with SHUG)
<a href="#">September 25, 2008</a>	<a href="#">September 26, 2008</a>
<a href="#">October 11, 2007</a>	
<b>UEC Conference Calls</b>	
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<http://www.cnms.ornl.gov/uec/minutes.shtm>



# CNMS Newsletter

April 2012

## CNMS User Newsletter

<http://cnms.ornl.gov/>

### Important Dates:

- Call for Proposal deadline is May 2
- 2012 User Meeting: Sept, 12-14, 2012



We encourage [feedback](#) and suggestions for the content of future newsletters. We are especially interested in receiving research highlights from CNMS users that may be featured in future issues of this newsletter. Please [email us](#) any time you have an important paper that is accepted for publication.

**REMINDER! Proposal deadline is May 2** for new user projects that will start August 1.

<http://www.cnms.ornl.gov/uec/newsletters.shtm>

# National User Facility Organisation Exhibition



nanoscale science facilities

## Center for Nanophase Materials Sciences

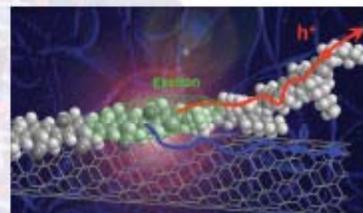
The Center for Nanophase Materials Sciences (CNMS) at Oak Ridge National Laboratory (ORNL) integrates nanoscale science with neutron science; synthesis science; and theory, modeling, and simulation.



Office of Science User Facility operated for the Department of Energy by Oak Ridge National Laboratory. One of five Nanoscale Science Research Centers.

[www.nufo.org/news.aspx?id=38](http://www.nufo.org/news.aspx?id=38)

### An Overview



CNMS provides unique opportunities to understand nanoscale materials, nanoscale assemblies, and nanoscale phenomena, creating a set of scientific synergies that accelerate the processes of discovery.

#### Macromolecular Nanomaterials

Synthesis and molecular level characterization of small molecule building blocks, polymers, and polymer-modified interfaces, including biologically inspired systems, deuterated molecules and polymers for neutron scattering studies.

#### Multiscale Functionality

Synthesis and characterization of inorganic and hybrid nanomaterials and assemblies with emphasis on functional performance for energy applications.

#### Scanning Probes

Imaging of functionality and dynamics in nanostructures including magnetic domains, electro-mechanics, energetics, chemical reaction, quantum electrical transport, electronic, structural and spin phases, and photovoltaics.

#### Nanomaterials Theory Institute

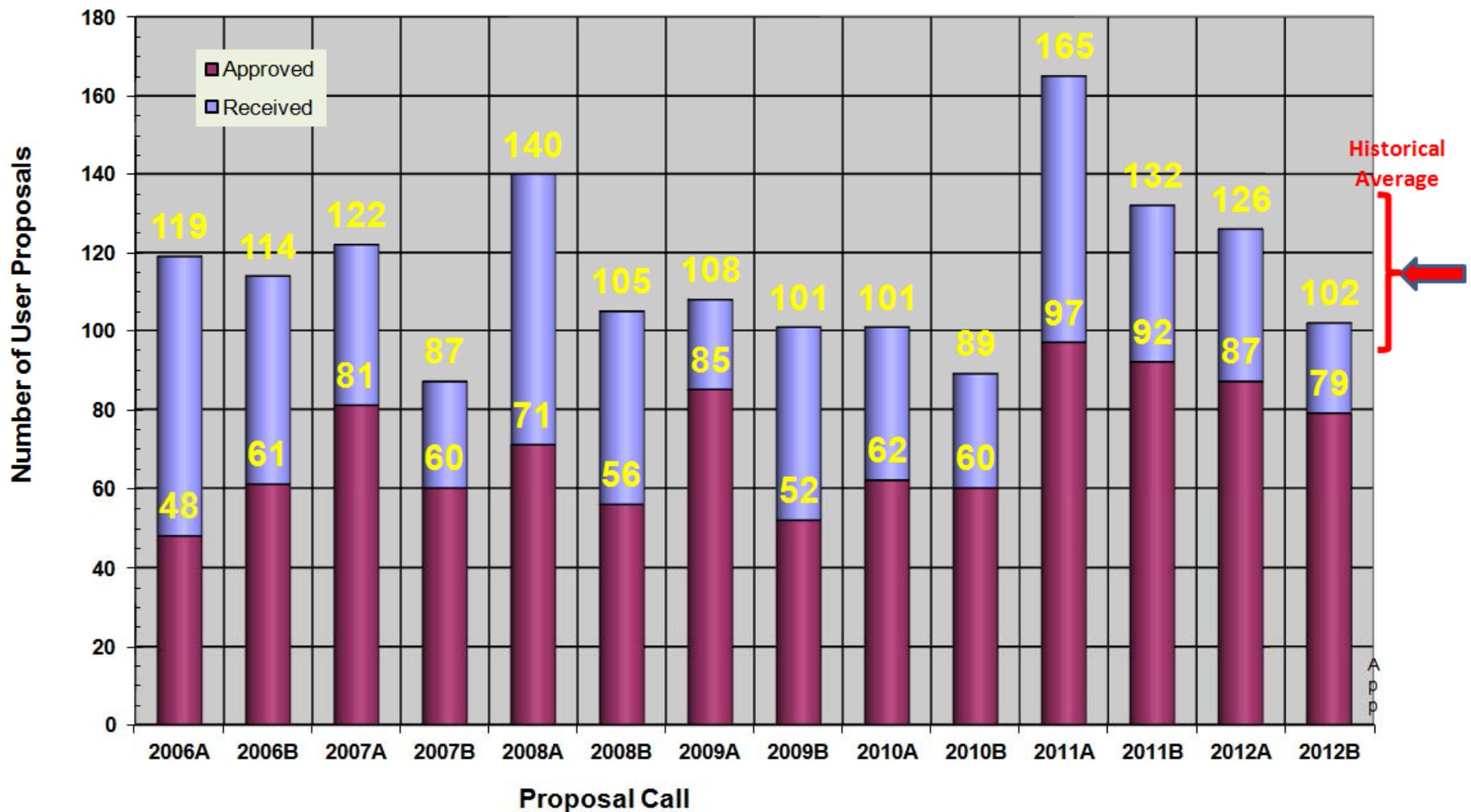
Multiscale modeling, nanomaterials design, virtual synthesis and characterization using ultrascale computing capabilities.

#### Nanofabrication Research Laboratory

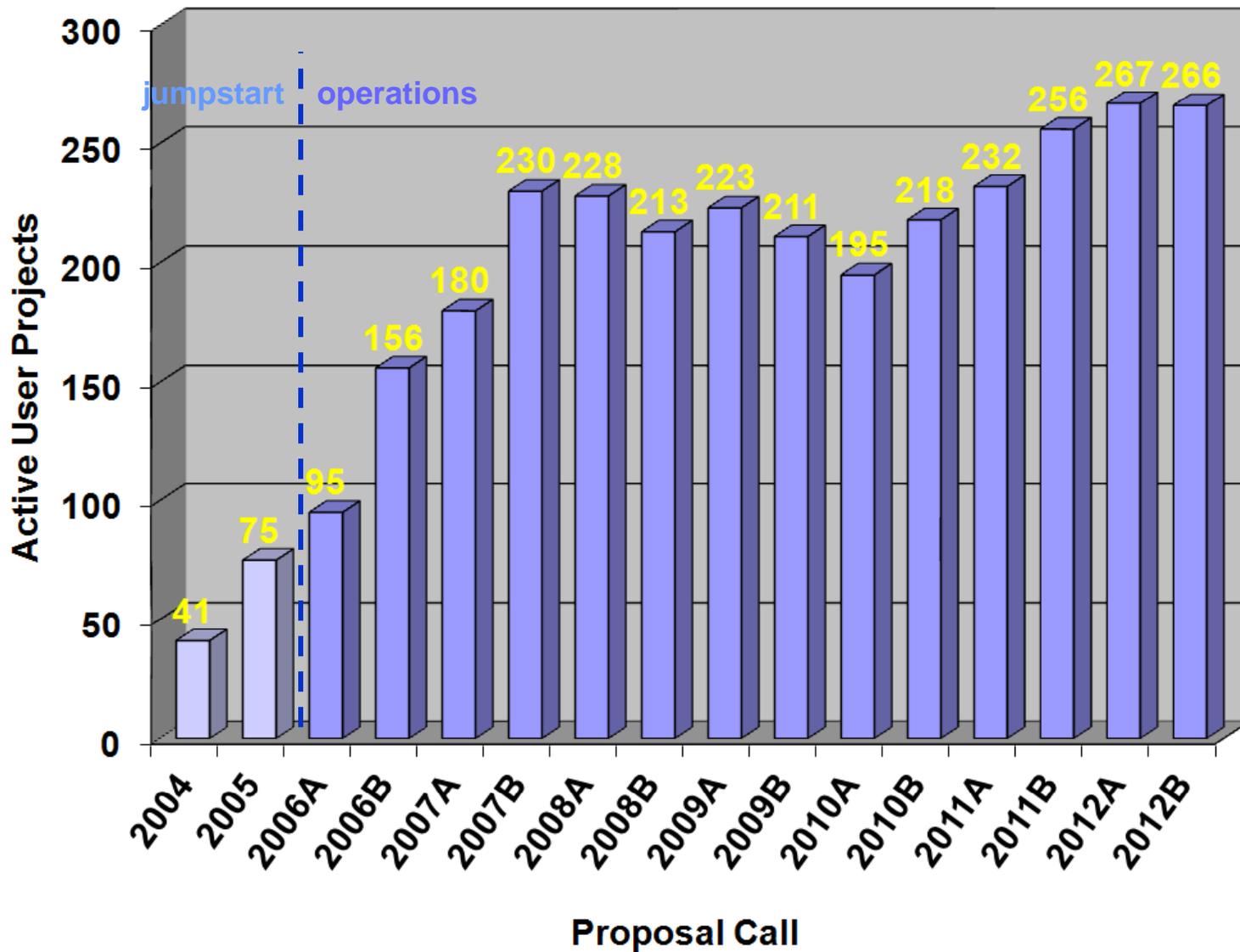
Controlled synthesis and directed assembly of nanomaterials in a cleanroom environment.



# Timeline of User Program- Number of Proposals



# Timeline of User Program- Active User Projects



# Nominations for 2013 User Executive Committee

- **Vice Chair / Chair-Elect**
  - **Vivek Prabhu (NIST)**
- **At Large (4 open positions)**
  - **Nina Balke (CNMS)**
  - **Marco Buongiorno Nardelli (U. North Texas)**
  - **Keith Neeves (Colorado School of Mines)**
  - **Megan Robertson (U. Houston)**
  - **Rafael Verduzco (Rice U.)**
  - **Vivek Prabhu (NIST)**
  - **Dawen LI (U. Alabama)**
  - **Marian Kennedy (Clemson U)**

# Open Discussion

- **Changes to User meeting format**
- **User surveys**
- **Other issues?**

**Call for User Proposals: High-Impact Nanoscience Research**  
***Center for Nanophase Materials Sciences***  
Oak Ridge National Laboratory

**Deadline for submission: Wednesday, October 17, 2012**

*Successful applicants will be able to use CNMS facilities starting February 1, 2013*