Joint Meeting with the American Nuclear Society (Long Island Section)

Wednesday, January 18, 2006

Where . . . . The Brickhouse Brewery, Patchogue, NY

Topic: Nanoscience: It’s all about size

Speaker: Laura H. Lewis
Deputy Director, Operations and Outreach
Brookhaven Center for Functional Nanomaterials

Social hour … 6:00 pm  Dinner … 7:00 pm  Meeting … 8:00 pm.

Members … $22  Guests … $25  ASM 25 years … $20  Students … $12

(New and recently transferred-in members free!)

Reservations - call Arnie Aronson at 631-344-2606

DIRECTIONS TO THE BRICKHOUSE BREWERY

The pub/restaurant is located at 87 West Main Street in Patchogue. From either the Long Island Expressway or the Sunrise Highway, Take Rt. 83 (Ocean Avenue) south to the intersection with Main Street then turn right. The Brickhouse Brewery is about one block west, on the right. Their telephone number is (631) 447-BEER. There is a free parking garage adjacent to it and on-street parking in the immediate vicinity. Reservations appreciated - call Arnie Aronson at (631) 344-2606 or email aronson@bnl.gov.
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The Topic

A definition and discussion of nanoscience and its role in everyday life will be presented. Included will be an overview of current and planned nanoscience research to be carried out at Brookhaven National Laboratory in the Center for Functional Nanomaterials (CFN), one of five new Nanoscale Science Research Centers sponsored by the U.S. Department of Energy. CFN is designed to provide researchers with state-of-the-art capabilities to fabricate and study nanoscale materials, including magnetic nanomaterials.

Our Speaker

Dr. Lewis is a Materials Scientist with the Center for Functional Nanomaterials at the Brookhaven National Laboratory (BNL). She received her BS in Physics with specialization in the Earth Sciences from the University of California, San Diego, followed by a MS degree from MIT in the field of Electronic Materials for work done on rapidly-solidified materials. She was awarded a PhD in Materials Science and Engineering from the University of Texas at Austin in 1993, after which she joined BNL. Her research while at BNL has included investigations of the micro- and nanostructure/property interactions in rare earth-based permanent magnet materials and amorphous precursors. In addition to her position at BNL, Dr. Lewis is an Adjunct Professor in the Materials Science and Engineering Department at the State University of New York, Stony Brook, and maintains a strong educational and research contact with the undergraduate and graduate population of that Department. She is also actively involved in the international magnetic materials community and is an executive member of numerous professional societies.
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From the December 8, 2005 meeting

Art Conservationist John Twilley (left) discusses with Herb Hermann the problems associated with renovating professors emeritus.

WELCOME TO THE CHAPTER!

Scott Raskin, Kemp Metal Products

All new members, including those who have transferred in from another Chapter, are invited to dine free at a regular meeting of their choice. This is an excellent way to meet with other Chapter members and to establish new business and social relationships in the area. Please take us up on this offer - come along to the meeting, introduce yourself, and settle back to enjoy an evening of information and good company.

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Pre-dinner discussion groups: (from the right) Peter Indrigo (Unitron) (back to the camera) and Shaun Kubik (UL); Tomas Chraska (Czech Plasma Institute) and John Coyle (Unitron); the ladies group. Standing in the back is Dick Richards, wondering which group would be the most enjoyable to join.

Chairman Ken Trelewicz (standing, right rear) welcomes attendees at the December meeting. Among those easily visible are (left foreground, going back) Lysa Russo, Shaun Kubik, Herb Hermann, Frank Szalajda; and (right foreground, going back) Rainbow Wu, Dick Richards, John Coyle, Mary Coyle;

Dr. Jim Quinn
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CHAPTER MEETING SCHEDULE

Long Island Chapter

Feb. 15, 2006  Place: Burke & Shapiro Steakhouse, Smithtown
Speaker: Jim Quinn
Topic: Rapid Prototyping at SBU

Mar. 15, 2006  Place: BNL
Tour of National Synchrotron Light Source

Apr. 19, 2006  Annual General Meeting
Place: Burke & Shapiro Steakhouse, Smithtown
Topic: SBU Student Presentations

May, 2006  Place: Martha Clara Vineyards
Wine Tasting

Metro NY-NJ Chapter

(contact Rich Lynch @ 201-891-8399)

Feb. 14, 2006  Place: L’Affaire Restaurant, Mountainside, NJ
Topic: Young Members Night

Mar. 21, 2006  Place: L’Affaire Restaurant, Mountainside, NJ
Topic: Joint meeting with ASNT and AWSI

Apr. 19, 2006  Place: L’Affaire Restaurant, Mountainside, NJ
Family Night; Awards Night; Elections
Speaker: Peter Hanneforth
Topic: Doing Business with China

May 16, 2006  Plant visit
(details to be announced later)

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