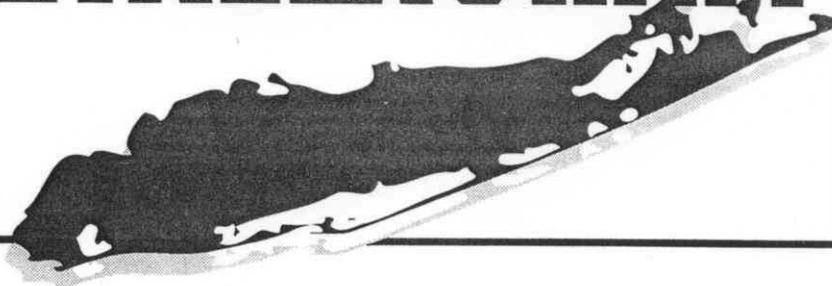




METALLAGRAM

LONG ISLAND CHAPTER



Volume 50 Issue 5

Chapter website: <http://www.matscieng.sunysb.edu/asm/>

*A HAPPY AND PROSPEROUS 2009
TO ALL OUR MEMBERS AND ADVERTISERS!*

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

When Thursday, January 15, 2009

Where South Shore Restaurant, Patchogue, NY

******* John Weeks Lecture *******

**Topic: History of the Environmental Measurements Laboratory
and its Changing Role in the Department of Homeland Security**

Speaker: Adam Hutter, Director, EML

Social Hour ... 6 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)

For reservations - call Arnie Aronson at 631-344-2606 or email aaronson@bnl.gov.

(mention that you're with LIASM – Arnie is with LIANS and may not recognize your name)

Our Speaker

Adam Hutter joined the US Department of Energy/Environmental Measurements Laboratory (EML) in 1987 and conducted scientific studies on the fate and transport of radioactive constituents in the environment, resulting in more than 40 technical publications. Dr. Hutter has served on International Atomic Energy Agency missions and led US delegations to transfer characterization, monitoring and sensor technologies from the Former Soviet Union academies, research institutes, and Russian Nuclear Complex facilities.

EML was transferred to the US Department of Homeland Security in 2003, since when Dr. Hutter has worked closely with Federal/State/Local Law Enforcement and Emergency Management agencies for programs to test, evaluate and transition chemical, biological, radiological, nuclear and high-yield explosive (CBRNE) detection technologies and systems. Dr. Hutter was appointed the Director of EML in 2006.

Adam has a BS degree in Geology/Chemistry from the University of Delaware, a MS degree in Geochemistry from the Pennsylvania State University, and a Ph.D. in Earth and Environmental Science from the City University of New York.

The Topic

The Environmental Measurements Laboratory traces its roots to the Medical Division of the Manhattan Project in the 1940's. A brief history of EML will be provided, including the roles it played for agencies such as the Atomic Energy Commission, Energy Research and Development Agency, and the US Department of Energy. By Presidential Order, EML transferred to the US Department of Homeland Security in 2003 and since then has worked extensively with federal/state/local first responders to test, evaluate and assess technologies for counter-terrorism efforts. EML is directing its resources to being a world-class federal test and evaluation laboratory serving DHS and its customers.

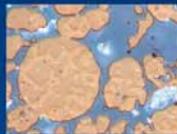
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From the Long Island Expressway - take Exit 64 and go south on Route 112 for about 3.2 miles. The restaurant is on your right (at 388 Medford Avenue), about one block before the Sunrise Highway (Rt. 27).

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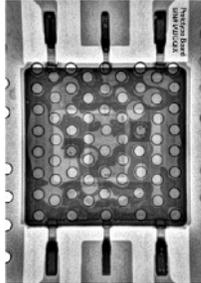
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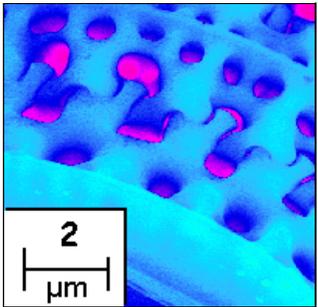
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WELCOME TO THE CHAPTER!

Chris Jacobsen, Stony Brook University *Lijun Wu, Brookhaven National Laboratory*

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

2009 ASM Materials Camps for Students

If you know of any students entering their Junior (Grade 11) or Senior (Grade 12) year in high school in the Fall of 2009, please let them know that information is now available on the schedule and locations of ASM's Materials Camps. These camps utilize hands-on learning principles of applied math and science and offer a very unique team-based, intensive problem solving science experience under the direction of a distinguished world-class faculty. For more information, please visit www.asmfoundation.org, or contact Jeane Deatherage, administrator of Foundation Programs at (440) 338-5151, ext. 5533, or email her at jeane.deatherage@asminternational.org.

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CHAPTER MEETING SCHEDULE

Long Island Chapter

Feb. 18, 2009 Place: Maine Maid Inn
Speaker: Ahmed Ibrahim, Farmingdale SC
Subject: Extending Fatigue Life via Coatings

Mar. 18, 2009 Place: Sitar Restaurant, Huntington, NY
Speaker: Gary Elgort, ConEd
Topic: Steam Disasters

Apr. 15, 2009 Annual General Meeting
Place: Union Station, Smithtown
Speakers: SBU Senior Students
Topic: Research posters

May ??, 2009 Wine tasting at Martha Clara vineyard

Metro NY-NJ Chapter
(contact Rich Lynch @ 201-891-8399)

Feb. 12, 2009 Place: TBA (Rutgers Area)
Speaker: Richard Haber, Rutgers University
Subject: Ceramic Materials

Mar. 9, 2009 Place: TBA
Speaker: Brent Willey, Titanium Fabrication Corp
Topic: Multi Industry Application of Titanium & Titanium Alloys



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