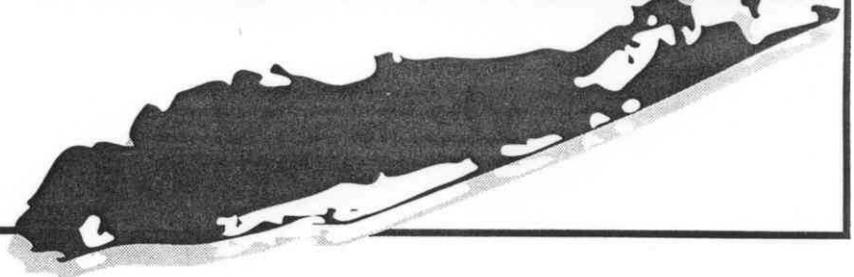


METALLAGRAM

LONG ISLAND CHAPTER



Volume 48 Issue 5

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

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

When Tuesday, January 9, 2007

Where The Brickhouse Brewery, Patchogue, NY

Topic: Brookhaven National Laboratory: Past, Present and Future

**Speaker: Samuel Aronson
Director, Brookhaven National Laboratory**

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!)

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

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

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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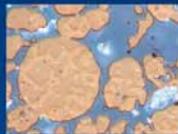
Our Speaker

Dr. Aronson earned his A.B. in physics from Columbia University in 1964, and a Ph.D. in physics from Princeton University in 1968. From 1968 to 1972, he worked at the University of Chicago's Enrico Fermi Institute for Nuclear Studies as a research associate. He then moved to the University of Wisconsin, where he was a faculty member until 1977. In 1978, Dr. Aronson joined the Accelerator Department at the Brookhaven National Laboratory (BNL) as an Associate Physicist, and was named Physicist in 1979. He moved to the Physics Department in 1982, was appointed Associate Chair of the department in 1987, and promoted to deputy chair in 1988. In 1991, Aronson relinquished this position and, as a Senior Physicist, served as the head of the [PHENIX](#) detector project during the construction of the Relativistic Heavy Ion Collider (RHIC), a challenge he successfully completed before he became Chair of the Physics Department in 2001. In 2005, Dr. Aronson was appointed as BNL's Associate Laboratory Director for High Energy & Nuclear Physics. He then served as BNL's Interim Director following former Director Praveen Chaudhari's decision to step down in April 2006. The announcement of his appointment as Director was made in August 2006 following a nationwide search and interview process. Dr. Aronson is a Fellow of the American Physical Society and of the American Association for the Advancement of Science.

The Topic

As BNL approaches its sixtieth anniversary, Dr. Aronson will discuss the founding of the Laboratory (on the site previously occupied by the US Army's Camp Upton) and its subsequent development as one of the world's premier scientific research establishments. He will review its present status in the various fields of research and as the operator of user facilities such as the RHIC and the National Synchrotron Light Source, and talk about the plans for the Laboratory's future, including the establishment of the Center for Functional Nanomaterials and the design and construction of the proposed National Synchrotron Light Source II.

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BNL – Past, Present and Future







(Images courtesy of Brookhaven National Laboratory)



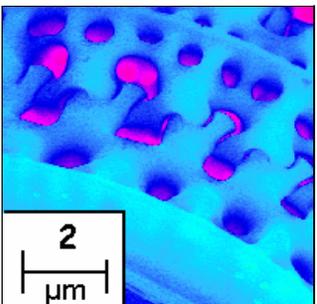
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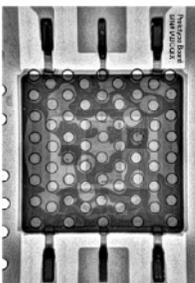
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CHAPTER MEETING SCHEDULE

Long Island Chapter

- Feb. 15, 2007** Place: Sitar Restaurant, Huntington
Speaker: Gary Elgort, Con-Ed
Topic: The Metallurgy of Steam Pipes
- Mar. 14, 2007** Place: Mauricio's, St. James
Speaker: Jeff Brogan, Mesoscribe
Topic: The Materials of Mesoscale Sensors
- Apr. 11, 2007** Annual General Meeting
Place: TBD
Speakers: SBU Senior Students
Topic: Final design projects, concepts, etc.
- May 6, 2007** Wine tasting at an East End Long Island vineyard

Metro NY-NJ Chapter

(contact Rich Lynch @ 201-891-8399)

- Feb. 6, 2007** Young Members Night
Place: L'Affaire Restaurant, Mountainside, NJ
Speaker: John Metzger
- Mar. 20, 2007** Joint meeting with ASNT and AWSI
Place: L'Affaire Restaurant, Mountainside, NJ
Speaker: Robert Shaler, Penn State Univ.
Topic: DNA Testing for 9/11
- Apr. 26, 2007** Family Night; Awards Night; Elections
Place: L'Affaire Restaurant, Mountainside, NJ
Speaker: Devinder Mahagan, BNL
Topic: Hydrogen Economy
- May 15, 2007** Plant visit – Continental Airlines
Maintenance Facility

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