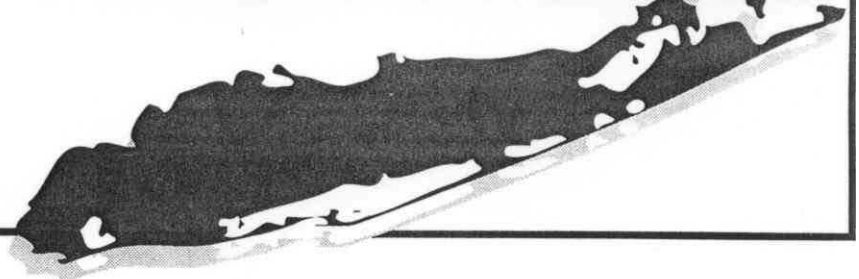




The Materials Information Society

LONG ISLAND CHAPTER

METALLAGRAM



Volume 49 Issue 7

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

******* SUSTAINING MEMBERS NIGHT *******

When Wednesday, March 26, 2008

Where Mauricio's Orlando's II, St. James, NY

Topic: Prudhoe Bay Pipeline Failure

Speakers: Carl Czajkowski, Brookhaven National Laboratory

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)

Reservations appreciated – call Peter Indrigo (631-589-6666)

DIRECTIONS TO MAURICIO'S ORLANDO'S II

Take the LIE to the Sagtikos/SunkenMeadow Parkway (Exit 53) and proceed north. At the first interchange, go onto the Northern State Parkway (NSP) East, towards Hauppauge. The NSP ends in two miles and you enter Rte 347/454. Travel past the government buildings for two miles. At the split in the highways, bear left onto Rte 347 (Nesconset Hwy). After three miles, there are three intersections: Terry Rd, Southern Blvd, and Lake Ave. Take Lake Ave north (left). At Rte 25 (Jericho Tpk/Middle Country Road, go left). The restaurant is immediately there, next to the Volvo dealership. The full address of the restaurant is 645 Middle Country Road (Rt. 25); their phone number is (631) 265-9228.

Our Speaker

Dr. Czajkowski is the Head of the Detector Development and Testing Division in the Nonproliferation and National Security Department at Brookhaven National Laboratory. He has a BS in Metallurgical Engineering from the University of Missouri/Rolla, a MS in Metallurgical Engineering from the Polytechnic Institute of New York, and a PhD in Materials Science and Engineering from SUNY/Stony Brook, where he is currently an Adjunct Professor. Dr. Czajkowski began his career in 1971 as a Quality Control Materials Engineer at United Nuclear, Inc., involved in the building reactors for the naval nuclear program. In 1973 he moved to EBASCO Services Inc. as a Quality Assurance Engineer, becoming involved in the building of civilian nuclear power plants. He subsequently joined the Long Island Lighting Company where he advanced to become the Chief Welding Supervisor at the Shoreham Nuclear Power Station. Dr. Czajkowski joined Brookhaven National Laboratory in 1980 and has held various positions (Group Leader, Associate Division Head, and Division Head) in the Departments of Nuclear Energy, Advanced Technology, and, currently, Nonproliferation and National Security. His responsibilities (in addition to Division Head) include Director of Homeland Security Activities and Principal Investigator and Facility Manager for the operation of the Radiation Detector Test and Evaluation Center (RADTEC) facility in support of the U.S. Department of Homeland Security (DHS). The RADTEC work evaluates commercial off-the-shelf radiation detectors for the DHS Science & Technology Countermeasures Test Bed (CMTB) efforts in the New York City area. He is additionally involved in supporting the U.S. Department of Transportation in evaluation of oil pipeline integrity.

The Topic

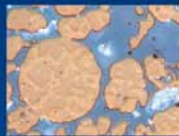
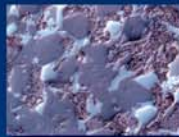
Oil production statistics indicate that the North Slope of Alaska accounts for more than 14% of U.S. crude oil production. On March 2, 2006, British Petroleum Exploration (Alaska), Inc. (BPXA) discovered the largest oil spill on the North Slope to date, over 200,000 gallons. The U.S. Department of Transportation (DOT) Pipeline and Hazardous Materials Safety Administration and BPXA immediately addressed the spill-related issues. However, on August 6, 2006 a second leak in the oil transit lines was discovered. This leak caused BPXA to announce the shutdown of a pipeline that produced about 400 thousand barrels per day. The action had the ripple effect of cutting the North Slope production in half and causing a large spike in fuel prices across the United States. Since the time of the leaks, BPXA has been found to be deficient in its environmental stewardship and had a large fine levied on it by the DOT. The leaks themselves were determined to arise from the environment resulting when sediment is allowed to build up on the bottom of the pipeline. Dr. Czajkowski will discuss the effects of biologically-induced (influenced) corrosion and its potential for causing pipeline leaks on the North Slope.

WELCOME TO THE CHAPTER!

*Askar Cheik-Ali, Dayton T. Brown Bradley Kuczinski, Mill-Max Mfg. Jeffrey Lange, Lange Technical Services
William Rusch, Sulzer Metco Richard Woytowich, Staten Island*

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 establish new business and social relationships in the area.

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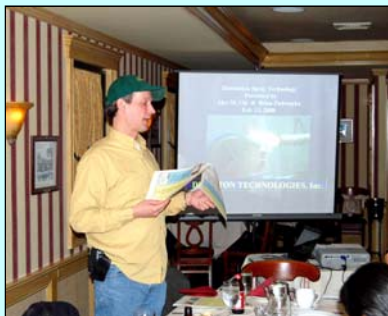
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631-632-6663 or 8495
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Photographs from the February, 2008 meeting (many thanks again to Alex Chi)




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CHAPTER MEETING SCHEDULE

Long Island Chapter

Apr. 9, 2008 Annual General Meeting
Place: Union Station, Smithtown
Speakers: SBU Senior Students
Topic: Research posters

Apr. 27, 2008 Wine tasting at Martha Clara vineyard

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

Mar. 20, 2008 Place: L’Affaire, Mountainside, NJ
Speaker, Topic: TBD

Apr. 17, 2008 Place: L’Affaire, Mountainside, NJ
Family Night, Elections, Awards

May 22, 2008 Plant Tour: Metex Corporation

2007-2008 CHAPTER OFFICERS
[() – term expires]

Chairman (2008)
Jim Quinn - (631) 632-6663
Stony Brook University

Vice Chairman (2008)
Andrew Gouldstone - (631) 632-4701
Stony Brook University

Secretary (2009)
Gary Elgort - (212) 460-2676
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Treasurer (2008)
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Alex Chi (2010) – (631) 491-1592
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Al Wirth (2009) - (516) 333-7429
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