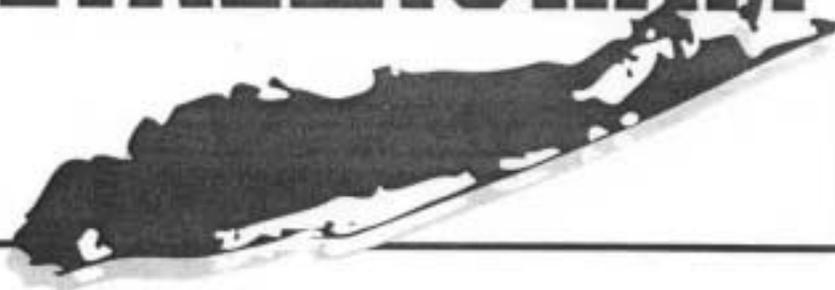




METALLAGRAM

LONG ISLAND CHAPTER



Volume 46 Issue 3

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

Wednesday, January 19, 2005

WHERE Brickhouse Brewery, Patchogue, NY

Topic: Technological challenges in the interdiction of radiological materials in Homeland Security applications

**Speaker: Charles Finfrock
Nonproliferation and National Security Department
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!)

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

The focus of BNL's Detector Development and Testing Division is research and development of advanced detectors for nonproliferation, treaty verification and homeland security applications. It also tests and evaluates commercial as well as laboratory prototype radiation detectors at the Radiation Detector Test and Evaluation Center (RADTEC) under funding from the Department of Homeland Security. This presentation will discuss the technologies used by commercial vendors in the detection of radiological material in traffic streams. Some of the difficulties imposed by typical environments in which monitoring must be conducted will be addressed and potential impacts on the flow of commerce and traffic will be reviewed.

OUR SPEAKER

Charles Finfrock has been employed by the Brookhaven National Laboratory for 25 years. He has participated in numerous and varied research endeavors in that time, including the areas of reactor materials science, heat transfer, ultratrace plutonium bioassay, and high energy physics. He is currently a member of the Detector Development and Testing Division in BNL's Nonproliferation and National Security Department. He has recently been named Group Leader of the Radiation Detector Test and Evaluation Center (RADTEC), a facility that provides test and evaluation support to the US Department of Homeland Security's Science and Technology Countermeasures Test Bed.

WELCOME TO THE CHAPTER!

Christopher Dambra, Sulzer Metco
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Steve Projain, Spellman High Voltage
James Quinn, Stony Brook University
Darrell Sanderson, Nikon Instruments
Mike Wolfe, Nikon Instruments.

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.

What's in the back of this van and where is it going? To find out, come to the Brickhouse Brewery on the evening of January 19, 2005.



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CHAPTER MEETING SCHEDULE

Long Island Chapter

2/16/05 Place: tbd
Topic: "F14 Stinger Cryogenic Testing with Fracture Mechanics Analysis to Avoid Failure"

3/16/05 Place: Weeping Willow
Speaker: Peter Hanneforth, SpaCom
Topic: "Doing business in China"

4/20/05 Place: tbd
Topic: AGM

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

2/8/05 L'Affaire Restaurant, Mountainside, NJ
Young Members Night
Speaker: Professor Zafar Iqbal, NJIT
Topic: "An Introduction to Nanophase Materials"

3/24/05 L'Affaire Restaurant, Mountainside, NJ
Speaker: Debbie Aliya, Aliya Analytical Inc.
Topic: Thinking Skill Optimization in Failure Analysis