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.
The LIASM Executive Committee appreciates the support received from all our advertisers. Let's make every effort to direct our business to them, if at all possible.

Sulzer Metco

A World of Surface Engineering Solutions and Services

We provide:

♦ A broad range of thermal spray, thin film and other advanced surface technology equipment, integrated systems and materials
♦ Specialized coating and surface enhancement services
♦ Manufactured components for the turbine, automotive and other industries
♦ Global customer support services

☎ (516) 334-1300 / ☎ (516) 338-2414 / 🌐 www.sulzermetco.com

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.
The LIASM Executive Committee appreciates the support received from all our advertisers. Let's make every effort to direct our business to them, if at all possible.

WELCOME TO THE CHAPTER!

Christopher Dambra, Sulzer Metco  
Robert Frankland, Spellman High Voltage  
James Mallon, Sulzer Metco  
Ronald Molz, Sulzer Metco  
John Parson, Nikon Instruments  
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.

ISO-9001  
OS-9000  
AS-9000  
REGISTERED

CLAD METAL SPECIALTIES  
1516 FIFTH INDUSTRIAL COURT  
BAYSHORE, NEW YORK 11706-3401  
www.cladmetal.com

DENISE A. MARCOCCIA  
Vice President  
e-mail: info@cladmetal.com

Phone: 631-666-7750  
Fax: 631-666-5347

Long Island Testing Laboratories, Inc.  
Specialists in Aerospace Materials Testing, Since 1985

METALLURGISTS – ANALYSTS

- Chemical Analysis
- Mechanical Testing
- Metallurgy
- Metallurgical Failure Analysis
- Expert Testimonies
- Welder’s Qualifications

T. Rao Tipirneni, President

243-A Wyandanch Avenue, North Babylon, New York 11704  
Phone (631) 643-6792  
Fax (631) 643-5628  
www.litlab.com  
Email: rao@litlab.com

ISO-9001  
Overlays/Inlays  
Contact Materials

NONSTRUCTURAL TESTING  
- Magnetic Particle  
- Fluorescent Penetrant  
- Visible Dye Penetrant  
- Contact Ultrasonics  
- Immersion Ultrasonics  
- X-ray  
- Real Tech  
- Eddy Current  
- Anomalous Radioactive Tech

CLEANING  
- Abrasive Blasting  
- Electroless Nickel Plating  
- Plastic Media Blasting  
- Acid Pickle Cleaning  
- Electroless Chrome  
- Alkaline Cleaning  
- Hard Chrome

CONVERSION COATINGS  
- Alumax 1250  
- Phosphorus Fluoride  
- Zinc Phosphate  
- Galvanic Coatings  
- Rust Inhibiting  
- High Temperature Primers  
- Ceramic Coatings  
- Coating Thickness  
- Flame Spray Coating  
- Drying Oven

OTHER SERVICES  
- Stress Relieving  
- Electroplating  
- Metalworking  
- Shot Blasting  
- Soldering  
- Stamping  
- Powder Metallurgy

DENISE A. MARCOCCIA  
Vice President  
e-mail: info@cladmetal.com

Phone: 631-666-7750  
Fax: 631-666-5347

Kenneth J. Trelewicz  
Director of Sales & Marketing

Engineer & Test Division

Church Street, Bohemia, N.Y. 11716-5031

Direct Dial: 631-244-6238  
e-mail: ktrelewicz@daytontbrown.com
Main: 631-589-6300  
Fax: 631-589-3648
The LIASM Executive Committee appreciates the support received from all our advertisers. Let's make every effort to direct our business to them, if at all possible.

2004-2005 CHAPTER OFFICERS

Chairman
Ken Trelewicz - (631) 244-6238
Dayton T. Brown Inc

Vice Chairman
- Vacant -

Secretary
Lorraine Tawfik - (631) 277-2875
Suffolk County Community College

Treasurer
Peter Indrigo - (631) 589-6666 ext. 2617
Unitron Incorporated

Executive Committee Members
Chris Berndt - (631) 632-8507
Stony Brook University
Biays Bowerman - (631) 344-2946
Brookhaven National Laboratory
John Coyle - (631) 589-6666 ext. 2619
Unitron Incorporated
Joe Kane - (631) 265-3422
COBE Welding
Rao Tipirneni - (631) 643-6792
Long Island Testing Laboratories Inc.
Al Wirth - (516) 333-7429
Retired

ADVISORY
Carl Czajkowski - (631) 344-4420
Brookhaven National Laboratory

EMERITUS
Richard Richards - (631) 567-6163
Retired
Clifford Shaver - (631) 586-1842
Retired

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