

Volume 44 Issue 4

Editors: Carl Czajkowski, Mel Cowgill

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

Wednesday, January 15, 2003

**TOPIC:** Free Electron Lasers, Commercial & Military Applications

SPEAKER: Anthony Favale, Advanced Energy Systems, Inc.

**MEETING LOCATION:** Brickhouse Brewery, Patchogue, NY

A brief description of free electron lasers will be provided together with a short history of their

development, including the rapid progress made in the last four years. Industrial applications covering many

disciplines as well as Military uses will be discussed. Critical engineering issues will be outlined and present

R&D will be addressed.

Program Schedule: Social hour ... 6:00 pm, Dinner ... 7:00 pm, Meeting ... 8:00 pm.

Members ... \$22; Guests ... \$25; ASM 25 years ... \$20; Students ... \$12

### **DIRECTIONS TO THE BRICKHOUSE BREWERY**

The pub-cum-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 Mel Cowgill at (631) 344-2082 or email cowgill@bnl.gov.

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### **ABOUT THIS MONTH'S SPEAKER**

Anthony (Tony) Favale is currently President & CEO of Advanced Energy Systems, Inc. (AES), a small business located in Medford, N.Y. and established as an employee buy-out from Northrop Grumman in September 1998. Prior to AES, Mr. Favale worked at Grumman (later Northrop Grumman) for 43 years. His career interests ran the gamut from nuclear research, space experiments including gamma ray astronomy and high energy cosmic rays, energy research including fusion energy, nuclear waste transmutation and particle accelerator R&D. He has authored and co-authored numerous papers, several with Nobel prize recipients. He received a BS in Physics from the Brooklyn Polytechnic Institute, a MS in Physics from New York University and completed all course work towards the Ph.D. in Physics.

#### WELCOME TO THE CHAPTER!

We're pleased to welcome into the Chapter:

#### Peter Kenny, Keyspan Energy

All new and transferred-in members are invited to dine free at a regular meeting of their choice. If you haven't already, **PLEASE** take us up on this offer, meet with other Chapter members and start networking.

#### Have you checked out our new Web site?

http://www.matscieng.sunysb.edu/asm

We're still building it but already you'll find information on the Long Island Chapter people, programs and events, plus links to ASM International HQ and other sites. Any and all suggestions for what you'd like to see there are welcome - contact webmaster-cum Chairman Henry White (email: <u>hwhite@notes.cc.sunysb.edu</u>).

# Notes from the Chair

For once, the Chair is out of words - except to wish you all a very happy and prosperous 2003. And, of course, that you will help us make it a banner year for the Chapter.

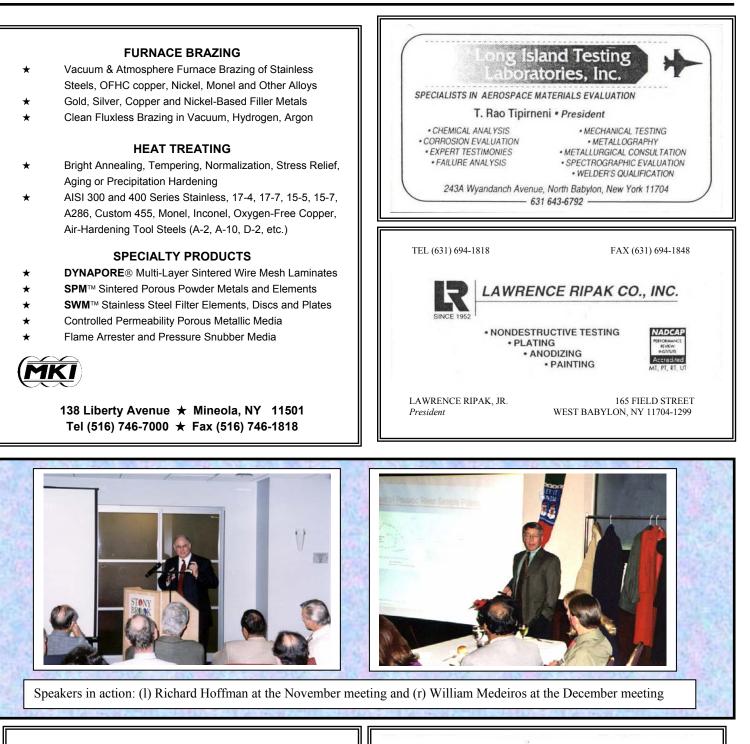


Sharing the "Five Star" award at a recent Executive Committee meeting are (from left to right) Rao Tipirneni, Biays Bowerman, Henry White, Dick Richards, Mel Cowgill and Chris Berndt.



The "top table" enjoying some humor (one of Henry's jokes?) at the December meeting.

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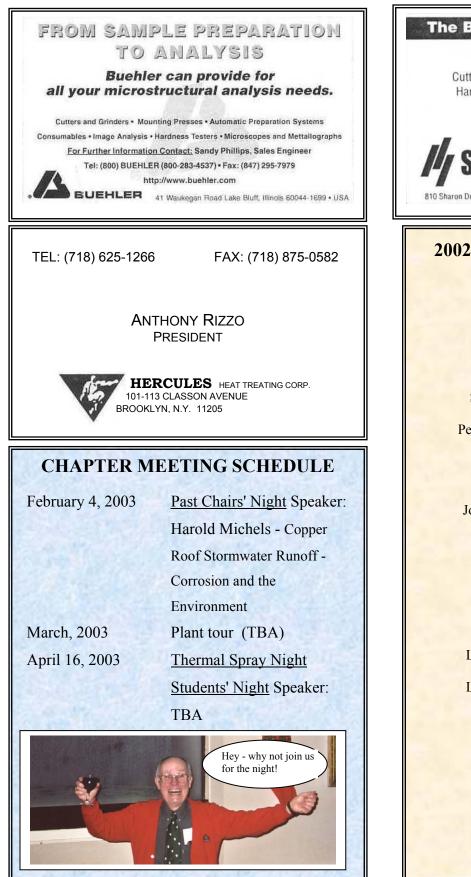
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