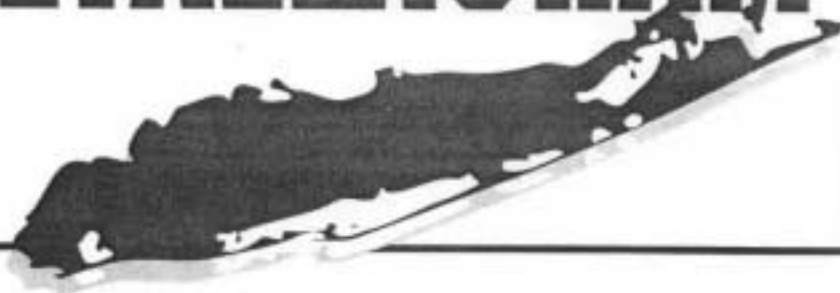




METALLAGRAM

LONG ISLAND CHAPTER



Volume 46 Issue 6

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

Students Night Double Header *Annual General Meeting*

Wednesday, April 6, 2005

Where: Burke & Shapiro Steakhouse, Smithtown, NY

Two presentations by SBU graduate students:

**Mozghan Anjom on improving fuel cell hydrogen production
and**

Wesley Francillon on anionic conductors for solid oxide fuel cells

Also: Member Recognition Awards will be presented

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 appreciated - call Peter Indrigo (631-589-6666, ext. 2617)

DIRECTIONS TO BURKE & SHAPIRO STEAKHOUSE (via the LIE)

Take the LIE to the Sagtikos Parkway (Exit 53). Proceed onto the northbound Sagtikos Parkway, which eventually becomes the Sunken Meadow Parkway. Stay on the Sunken Meadow Parkway to Exit SM3E, Route 25 (Jericho Tpk.) East – Smithtown. Go east on Route 25 (Jericho Tpk.) for about 4 miles. You will pass under a LIRR trestle and a statue of the Smithtown Bull. Keep going on Route 25 (uphill), passing through two traffic signals. JUST BEFORE the second LIRR trestle, turn left on Elliot Place. Make an almost immediate first right into the restaurant parking lot. The full address of the restaurant is 155 West Main Street and Elliot Place. Their phone number is (631) 265-3300.




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OUR SPEAKERS AND THEIR TOPICS

Mozghan Anjom was born in New York City but grew up in Tehran, Iran. He graduated from Shiraz University in 2001 with a bachelors degree in Industrial Metallurgy. He came to SBU in 2002 to enroll in the Ph.D program in the Materials Science & Engineering Dept. His advisor is Dr. Devinder Mahajan. Currently, the main commercial source of hydrogen for PEM-based fuel cells is synthesis gas, a mixture of H₂ and CO. Removal of the CO to acceptable levels is very costly but necessary to prolong Pd catalyst life. Mozghan's talk will be about the research into an alternative method of producing CO-free ultra-pure H₂ using microorganisms.

Wes Francillon earned his Engineering Science degree at SUNY at Stony Brook in 2002 and is now in his third year as a graduate student in the Center for Thermal Spray Research. His advisor is Dr. Sanjay Sampath and he is also an active member of Long Island ASM student chapter. His subject, mixed oxide conductors, are of interest in many applications, including oxygen-permeable membranes and solid oxide fuel cells. Wesley's talk will focus on the synthesis, phase transformations and microstructural development in the sol-gel derived Y_{2-x}Ti₂Zr_xO_{7+x/2} ceramic system.

MEMBER RECOGNITION AWARDS

5 Year Awards

Chris Brandmeier Sorin Domsa Victor Koetter Patrick Murtha Ashish Patel Mary Yoo

15 Year Awards

Donald Balbinder Chris Berndt Jerritt Gluck Peter Indrigo Kash Putnam

25 Year Award

Carl Czajkowski

LIFE Awards

Kenneth Moll Harold Schick

ATTENTION!!!

WINE TASTING & DINNER

MAY 1ST 2005

MARTHA CLARA VINEYARDS

Schedule

1PM – meet at the vineyard (located on 6025 Sound Avenue, Riverhead)

1:30-3PM your time

3PM - WINE & CHEESE TASTING FOLLOWED BY DINNER

URGENT!!!

RESERVATIONS REQUIRED -

Call Ken Trelewicz (516-429-2992)

Reserve early – cut-off date 4-15-2005

**Cost: \$20-\$25/person
(dependent on response)**

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CHAPTER MEETING SCHEDULE

Long Island Chapter

5/1/05 Place: Martha Clara Vineyard, Riverhead
 Wine Tasting

Closed for the summer
 (unless there is a demand to the contrary)

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

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

4/19/05 L'Affaire Restaurant, Mountainside, NJ
 Speaker: Peter Hanneforth, SpaCom
 Topic: "Doing business in China"

5/19/05 Plant visit to the Essex County Waste-to-Energy Plant.