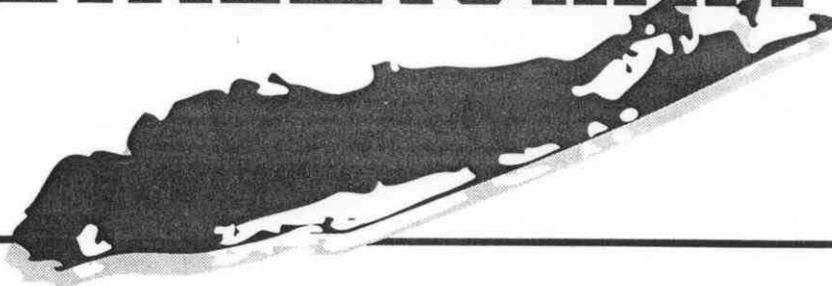


METALLAGRAM



LONG ISLAND CHAPTER

Volume 47 Issue 4

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

Next Meeting: Thursday, December 8, 2005

Where: Mauricio's, St. James, NY

Topic: *Corrosion (and other decorations)*

Speaker: *John Twilley, Art Conservation Scientist*

Meeting Start ... 6 pm (Wine & Beer 6-7 pm)

Dinner ... 7:00 pm

Speaker ... 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 MAURICIO'S ORLANDO'S II (via the LIE)

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.

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The Topic

Ancient peoples were often surprisingly adept at manipulating materials to produce a variety of aesthetically pleasing effects without the elaborate means of controlling their fabrication methods that we find indispensable today. However, when we study ancient artworks today we see the accumulated effects of time and weather on the initial products of these operations. Often, our understanding and appreciation of them is greatly influenced, either for better or for worse, by our inability to distinguish their intended appearance from the effects that time has wrought on them. The speaker will give a slide presentation drawing on examples of artworks from diverse cultures that illustrate how the application of material studies contributes to an understanding of artworks constructed of stone, metals and ceramics. Some examples of surprising frauds that play on our expectations of what ancient art should look like will also be included.

Our Speaker

John Twilley began research into the materials of Indian painting as an undergraduate at the University of California at Riverside in 1973. After receiving his B.S. in Chemistry, he held a variety of positions involving the application of microanalysis to materials problems in microelectronics manufacturing and design, serving from 1983 to 1986 as Manager of the Reliability Analysis Center of Teledyne Microelectronics. Between positions in industry he held the post of Conservation Scientist at the J. Paul Getty Museum in 1977-78. In 1986 he joined the staff of the Los Angeles County Museum of Art as Senior Research Scientist where he headed the scientific section of the Conservation Center until 1998. He left LACMA in 1998 to establish an independent practice in Art Conservation Science in New York and now works for a broad spectrum of public and private institutions on problems of conservation treatment, attribution and artists' techniques. From 1979-2000 he taught an introduction to art conservation for the Graduate Program in Historic Resources Management of UC/Riverside. His research has emphasized the integration of multiple techniques of analysis for answering material-related questions about artworks from prehistory through contemporary art. Specific research areas include pigment identification and alteration, the deterioration and treatment of stone both in sculpture and architecture, and ancient metals technology. John Twilley is the author of more than 70 publications and technical reports in the area of art conservation.

From the Nov. 16 Student Presentations meeting



Andrew Gouldstone watches carefully while Eli Hoory attempts to hit a high "C". Jose Mawyin continues eating but Ken Trelewicz spies another distraction. Peter Indrigo, relaxed as usual, just keeps on smiling.



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WELCOME TO THE CHAPTER!

Ronald Beebe, Lazarus Marine Services

Vincent Loscalzo, EDO Defense Systems

Manfred Stappens, Sulzer Metco (US) Inc.

All new members, including those who have transferred in from another Chapter, are invited to dine free at a regular meeting of their choice. This is an excellent way to meet with other Chapter members and to establish new business and social relationships in the area. Please take us up on this offer - come along to the meeting, introduce yourself, and settle back to enjoy an evening of information and good company.

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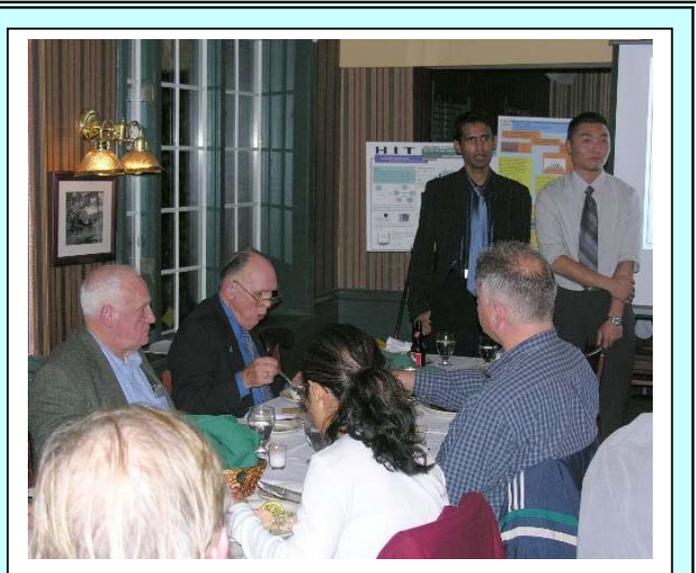
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Mir Anwar and Kelvin Montero give their presentation on an apparatus to laser ablation coat the inner diameter of pipes used in the processing of hydrocarbons.



Sal Kutub and Tim Lee prepare to answer questions on high temperature dynamic impact testing under the watchful eye of John Coyle. Cliff Shaver meanwhile tucks into his dessert.

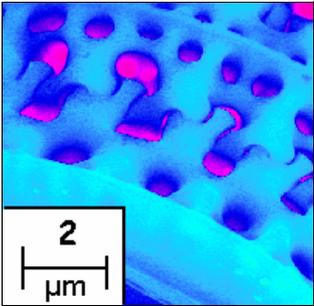
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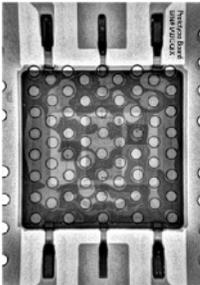
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CHAPTER MEETING SCHEDULE

Long Island Chapter

- Jan. 18, 2006** Place: Brickhouse Brewery, Patchogue
Joint meeting with LIANS
Speaker: Bob Huang
Topic: Nanotechnology
- Feb. 15, 2006** Place: Burke & Shapiro Steakhouse,
Smithtown
Speaker: Jim Quinn
Topic: Rapid Prototyping at SBU
- Mar. 15, 2006** Place: BNL
Tour of National Synchrotron Light Source
- Apr. 19, 2006** Annual General Meeting
Place: Burke & Shapiro Steakhouse,
Smithtown
Topic: SBU Student Presentations
- May, 2006** Place: Martha Clara Vineyards
Wine Tasting

Metro NY-NJ Chapter

(contact Rich Lynch @ 201-891-8399)

- Feb. 14, 2006** Place: L’Affaire Restaurant, Mountainside,
NJ
Topic: Young Members Night
- Mar. 21, 2006** Place: L’Affaire Restaurant, Mountainside,
NJ
Topic: Joint meeting with ASNT and
AWSI
- Apr. 19, 2006** Place: L’Affaire Restaurant, Mountainside,
NJ
Family Night; Awards Night; Elections
Speaker: Peter Hanneforth
Topic: Doing Business with China
- May 16, 2006** Plant visit

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