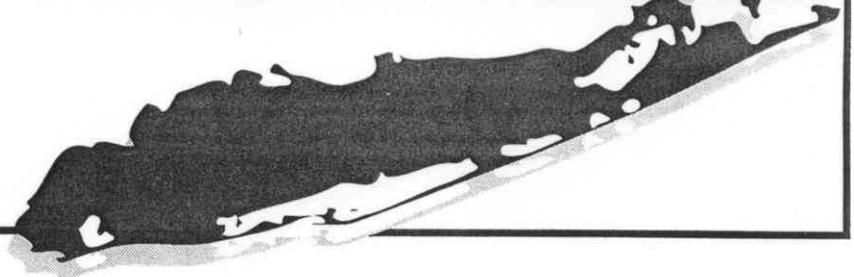




The Materials Information Society

LONG ISLAND CHAPTER

METALLAGRAM



Volume 48 Issue 7

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

SUSTAINING MEMBERS NIGHT

When Wednesday, March 14, 2007

Where Mauricio's Orlando's II, St. James, NY

**Topic: Direct Write Thermal Spray Processing of Sensors and
Multifunctional Structures**

Speaker: Jeff Brogan, President, MesoScribe Technologies, Inc.

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 (631-730-2606)

WELCOME TO THE CHAPTER!

Joseph Deacutis, Aeroflex Laboratories Steven Dresher, Precipart

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 to establish new business and social relationships in the area.

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Our Speaker

Dr. Jeff Brogan is the CEO of MesoScribe Technologies, located at the Long Island High Technology Incubator in Stony Brook, NY. He currently manages a number of the Government-sponsored contracts as well as the Company's operations. Brogan has been involved in materials research and technology development for the past fifteen years and received his PhD in Materials Science and Engineering from Stony Brook University in 1996.

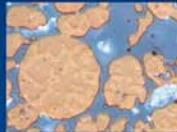
The Topic

MesoScribe Technologies is commercializing a new platform technology enabling the fabrication of embedded sensor products, high frequency flexible electronics, and "smart structures". The Company's Direct Write MesoPlasma process provides unique, automated capabilities allowing conductors, sensor alloys and ceramic materials to be deposited in precise patterns over large areas. Prototype thermocouple and strain sensors are used to monitor gas turbine engine components and aerospace structures operating in harsh environments. This presentation will provide an overview of the process technology, sensor performance, and opportunities for mesoscale electronics for defense and commercial application.

DIRECTIONS TO MAURICIO'S ORLANDO'S II

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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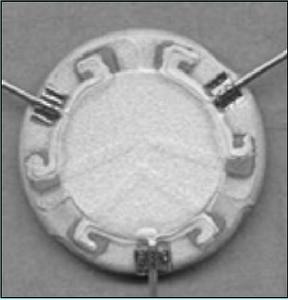
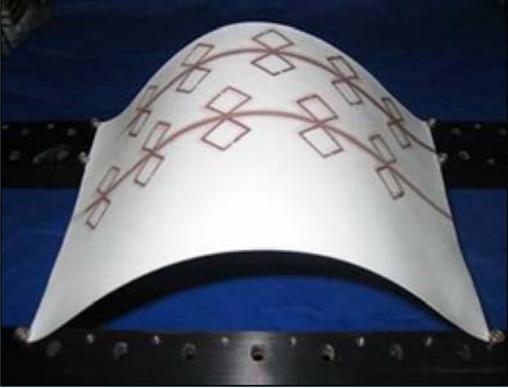


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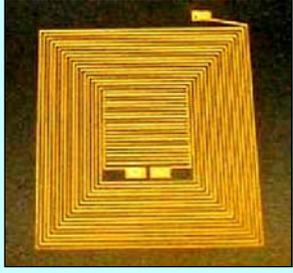
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Three of the products manufactured by MesoScribe Technologies. To find out just what they are, come along to the March 14 meeting, enjoy some fine Italian cuisine, then listen to Dr. Jeffrey Brogan describe the process technology and the opportunities for such products in various commercial and military applications.



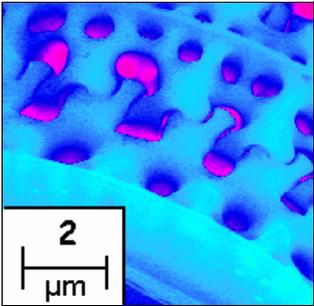
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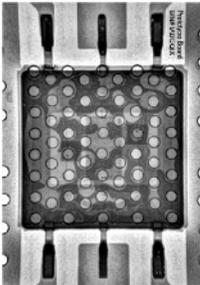
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CHAPTER MEETING SCHEDULE

Long Island Chapter

- Apr. 11, 2007 Annual General Meeting**
Place: Union Station Restaurant,
Smithtown, NY
Speakers: SBU Senior Students
Topic: Final design projects, concepts, etc.
- May 6, 2007 Wine tasting at the Martha Clara vineyard**

Metro NY-NJ Chapter

(contact Rich Lynch @ 201-891-8399)

- Mar. 20, 2007 Joint meeting with ASNT and AWSI**
Place: L’Affaire Restaurant, Mountainside,
NJ
Speaker: Robert Shaler, Penn State Univ.
Topic: DNA Testing for 9/11
- Apr. 26, 2007 Family Night; Awards Night; Elections**
Place: L’Affaire Restaurant, Mountainside,
NJ
Speaker: Devinder Mahagan, BNL
Topic: Hydrogen Economy
- May 15, 2007 Plant visit – Continental Airlines**
Maintenance Facility

Now available ... applications for the 2007 John R. Weeks Scholarship Program for high school students. Awards are worth \$500 p.a. for up to four years for students planning to study materials science and engineering at a recognized university or community college. Announcements have been mailed to all Nassau and Suffolk high schools. If you would like information sent directly to you, contact Biays Bowerman (631-344-2946) or email bowerman@bnl.gov.

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