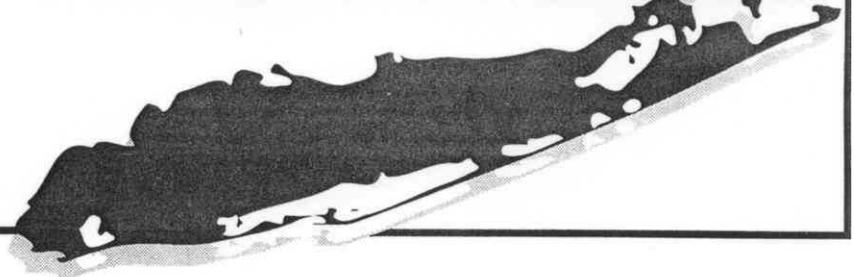




The Materials Information Society

LONG ISLAND CHAPTER

METALLAGRAM



Volume 51 Issue 2

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

Next Meeting Wednesday, October 21, 2009

Where Copper Wok, Hicksville, NY

Topic: Technology, Innovation, and Design in Industry

Speaker: Keith Kowalsky, Flame Spray Industries Inc.

Social Hour ... 6 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)

DIRECTIONS TO THE COPPER WOK (formerly Imperial Wok) RESTAURANT

From the Long Island Expressway - take Exit 41 and go south on Route 106/107 (N. Broadway). After about 1.5 miles, stay to the left to keep on Route 107 (Route 106 forks off to the right at this point). Cross John St. and Barclay St., pass under the railroad, and after about 0.1 mile, make a right onto W. Marie Street. The restaurant will be on your right, at 1615 West Marie Street, about 100 feet after the turn. The telephone number at the restaurant is (516) 681-1947.

From the Northern State Parkway – instructions similar to those above, except that you should take Exit 35.

Our Speaker

Our speaker, Keith Kowalsky, President, Flame-Spray Industries, Inc., comes to us on the heels of being named a 2009 National Inventor of the Year by the Intellectual Properties Owners Association. Keith began his college education at the State University of New York at Stony Brook, receiving a B.E in Mechanical Engineering in 1986. He moved to the State University of New York at Buffalo to obtain a B.S. in Physics in May 1987, and spent that summer working on arc plasma and low-pressure arc plasma systems in the student program operated by the Sandia National Laboratory, Albuquerque, NM. He subsequently returned to Stony Brook to gain his M.S. in Materials Engineering in May 1988, and then left the halls of academe to begin a career at Flame-Spray Industries, Inc. (FSI), that has lasted until this day. Initially, as a Senior Engineer, he became involved in numerous projects, becoming the Team Leader for the development of the Plasma Transferred Wire Arc (PTWA) spray system, a program that resulted in over 25 patents and led to the implementation of the process at the Ford Motor Co. in the pilot production capable of coating production quantities of engine blocks. In the year 2000, Keith became President of FSI, with responsibility for all aspects of business including management of organization, directing business focus, and making and directing financial decisions.

The Topic

The presentation will address the many aspects that are involved on the way from technology and product development through to commercial application. The talk will begin with an overview of the activities at Flame-Spray Industries then proceed to consider the interface between business and engineering, and the importance of innovation. There will be a discussion of how design criteria are derived and how designs themselves should take into account real world considerations. In the context of intellectual property, the speaker will talk about the importance of patents, trademarks, and copyright, then conclude with how we go about forecasting the future in the technology business.



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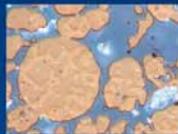
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September meeting Courtney Patterson (LIANS), Biays Bowerman (LIASM) and speaker Adam Hutter (EML)



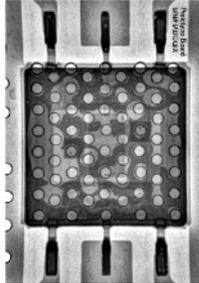
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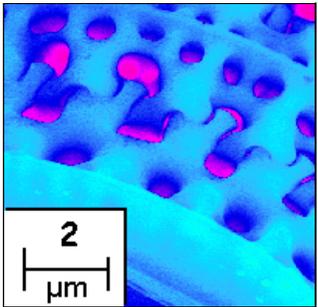
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WELCOME TO THE CHAPTER!

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David Fernandez Adriana Fitting Karen Gehrig Ellen Harvey Dave Hawley Markus Heusser
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Peter Ribando Martin Sauerbruch Karen Sender Michael Tobin Senno Van Der Velde
Bill Woodard Simon Xiao Norio Yumiba (All from Sulzer!)*

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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Luca A. Servino
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New England

Long Island Chapter Meeting Schedule

Nov. 18, 2009 Place: Stony Brook University
Speaker: Senior Students
Topic: Design Projects and Feedback

Dec. 9, 2009 Place: Union Station, Smithtown
Speaker: Jamie Swan, Webb Institute
Topic: Custom Bicycle Fabrication

Jan. ??, 2010 Joint meeting with LIANS
Place: South Shore Restaurant, Patchogue
Speaker: TBD
Topic: TBD

Feb. 17, 2010 Past Chairs Night
Place: TBD
Speaker: Chris Weyant, SBU
Topic: Materials Research at Stony Brook University

Mar. 17, 2010 Sustaining Members Night
Place: TBD
Speaker: James Waldvogel, WMI
Topic: Failure Analysis Investigations

Apr. 10, 2010 Students Night
Place: Sonoma Grill, Holbrook

2009-2010 CHAPTER OFFICERS

[() – term expires]

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Stony Brook University

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

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Gary Elgort - (212) 894-9504
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