



LONG ISLAND CHAPTER

Volume 51 Issue 4

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

Next Meeting Wednesday, December 9, 2009

Where . . . Copper Wok, Hicksville, NY

***** Companions Night *****

Topic: Custom Bicycle Fabrication

Speaker: Jamie Swan, Webb Institute

Social get-together ... 6:30 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.

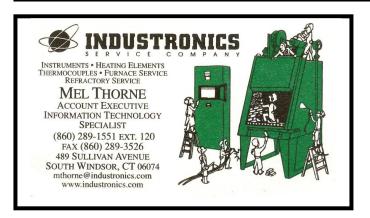
Our Speaker and His Topic

Since 2007 Jamie Swan has worked as a machinist at Webb Institute (naval architecture and marine engineering) in Glen Cove. He is the founder of the Long Island Metal Workers Society (LIMWS) and he makes bicycle frames as a side business. He has an associates degree in mechanical engineering technology (SUNY Farmingdale, 1977) and worked briefly as a tool and die designer. He has dabbled in buying and selling industrial equipment. That work evolved into promoting machinery auctions for several years. His primary focus over the years has been in the bicycle industry; fourteen years as a commercial wheel builder and 17 years as a retail shop owner (Centerport Cycles). He has dabbled in making frames for road and track bicycles since 1981 and started making them commercially in 2005. His production is typically in the order of one or two frames per year. Emphasis is placed on carefully fitting the rider, precision in manufacturing tolerances and aesthetic detailing.







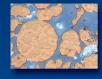


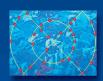


Carl Zeiss... for all your state-of-the-art Microscopy & **Digital Imaging** needs



Offering features such as Image Archiving, Grain Size analysis, **Dendritic Arm Spacing** measurement, Non-Metallic Inclusion, Graphite and more...







Carl Zeiss Microlmaging, Inc. Thornwood, NY 1.800.233.2343 micro@zeiss.com zeiss.com/materials





LAWRENCE RIPAK, JR. President, CEO



Lawrence Ripak Co., Inc. 165 Field Street West Babylon, NY 11704-1299

Office: (631) 694-1818 Fax: (631) 694-1848 Email: Iripak@ripak.com

NONDESTRUCTIVE TESTING

- Magnetic Particle
 Magnetic Particle
 Fluorescent Penetrant
 Visible Dye Penetrant
 Contact Ultrasonic
 Immersion Ultrasonic with data acquisition
- Nital Etch
- Eddy Current
 Ammonum Bifluoride Etch
- CLEANING
- Passivation
 Abrasive Blasting
 Glass Bead Blasting
 Plastic Media Blasting
 Acid Pickle Cleaning
 Alkaline Cleaning
 Parts up to 20' Long

- ANODIZING Boric – Sulfuric
 Chromic
 Sulfuric
 Sulfuric
 Parts up to 18' Long

- PLATING
- Titanium Cadmium Cadmium Coss
- CopperBrush Plating
- PAINTING

- Primers
 Top Coats
 Dy Film Lubricants
 Fuel Tank Coating
 Teilon
 High Temperature Primers
 Masking

- Parts up to 8' Long
 Post Peen Cleaning
- CONVERSION COATINGS
- Alodine 1200
 Phosphate Fluoride
 Sol Gel
- OTHER PROCESSING
- Stress Relieving
 Conductivity Testing
 Hardness Testing
 High Humidity Testing
 Salt Spray Testing

Overlays/Inlays **Contact Materials**

ISO-9001 QS-9000 AS-9000 REGISTERED

CLAD METAL SPECIALTIES

1516 FIFTH INDUSTRIAL COURT BAYSHORE, NEW YORK 11706-3401

www.cladmetal.com

Phone: 631-666-7750 Fax: 631-666-5347 e-mail: info@cladmetal.com

DENISE A. MARCOCCIA Vice President



Jamie Swan receives the award for "Best Custom Frame Set" at Le Cirque de Cyclisme 2006



Alex M. Chi President

48 Nancy Street
West Babylon, NY 11704
www.demetontech.com

T : 631-491-1592 F : 631-491-1622 Alexdemeton@aol.com

Long Island Testing Laboratories, Inc.

Specialists in Aerospace Materials Testing, Since 1985
METALLURGISTS – ANALYSTS

- Chemical Analysis
 - Mechanical Testing
- ■Metallo'I,Fx,Fwrf,IEWCx,CwafQwpfL4I9E,CWwhfEIEE'9xwy 91'4QQCw fLxIFF,x'w fLxIFF,x'w fC,IQEEQw fLxIFF,x'w fLx

Buehler's Class of 2008

Providing Professional Solutions

Productivity and reliability are the cornerstones of the development process at Buehler, Partner Buehler equipment with our superior consumables to maximize your output and attain high quality results.

For further information contact:

Sandy Anderson, Sales Engineer Tel: 1-800-BUEHLER • 1-800-283-4537

-ttp://www.buehler.com • Sandy.Anderson@buehler.com







Struers Inc. 24766 Detroit Road Westlake, OH 44145-2525

Luca A. Servino Account Representative New England

Direct/fax 203.380.0563 Telephone 440.871.0071 ext 867 Fax 440.871.8188

www.struers.com • lservino@struers.com

Long Island Chapter Meeting Schedule

Jan. ??, 2010 Joint meeting with LIANS

Place: South Shore Restaurant, Patchogue

Speaker: TBD Topic: TBD

Feb. 17, 2010 **Past Chairs Night**

Place: Mauricio's, St. James Speaker: Chris Wevant, SBU

Topic: Materials Research at Stony Brook

University

Mar. 16, 2010 **Sustaining Members Night**

> Place: Mauricio's, St. James Speaker: James Waldvogel, WMI **Topic: Failure Analysis Investigations**

Apr. 10, 2010 **Students Night**

> Place: Sonoma Grill, Holbrook **Speaker: Senior Students**

Topic: Design Projects and Feedback

May ??, 2010 Wine Tasting and Buffet Dinner

Place: Martha Clara Vineyards

More details later

2009-2010 CHAPTER OFFICERS [() – term expires]

Chairman (2010)

Jim Quinn - (631) 632-6663

Stony Brook University Vice Chairman (2010)

Ken Trelewicz - (631) 244-6238

Dayton T. Brown Inc

Secretary (2011)

Gary Elgort - (212) 894-9504 Consolidated Edison

Treasurer (2010)

Peter Indrigo - (631) 589-6666 Unitron Ltd.

Executive Committee Members

Alex Chi (2010) – (631) 491-1592

Demeton Technologies

John Coyle (2012) - (631) 589-6666 ext. 2619

Unitron Ltd.

Carl Czajkowski (2011) - (631) 344-4420

Brookhaven National Laboratory

Joe Kane (2012) - (631) 265-3422

COBE Welding

Eleanor Lerum-Xavier (2010) - (631) 244-6391

Dayton T. Brown Inc.

Rao Tipirneni (2011) - (631) 643-6792

Long Island Testing Laboratories Inc.

James Waldvogel (2010) - (516) 564-7839

Waldvogel Metallurgical Inc.

Al Wirth (2012) - (516) 333-7429

Retired

ADVISORY

Biavs Bowerman (2008) - (631) 344-2946 Brookhaven National Laboratory

EMERITUS

Richard Richards (Retired) - (631) 567-6163 Clifford Shaver (Retired) - (631) 586-1842

LINITRON

Peter D. Indrigo Senior Vice President

73 Mall Drive

Commack, NY 11725, USA Email: peterd@unitronusa.com Phone: 631-589-6666 Fax: 631-589-6975 Website: www.unitronusa.com