



METALLAGRAM

LONG ISLAND CHAPTER



Volume 66 Issue 2

Chapter website: <http://DoL1.eng.sunysb.edu/asm/>

Emerging Professionals Night

Next Meeting Wednesday October 16th, 2024

Where: Pollo Rico Latin Bistro, Centereach, NY

Topic: Ship/Boat/Hull Slamming Technology

Speaker: Jack Lombardi, US Merchant Marine Academy

Social hour ... 6:00 pm Dinner ... 7:00 pm Meeting ... 8:00 pm

Members ... \$30 Guests ... \$30 Students ... \$15
(New and recently transferred-in members free)

Reservations appreciated – contact Dan Migliorino
at MigliorinoDan@gmail.com or 516-468-9615

Pollo Rico is located at 2435 Middle Country Road (Rte. 25), Centereach. Probably the simplest way to get there from the LIE is to take Exit 62 (Nicolls Road) and go north on CR 97 (towards Stony Brook). Continue north for about 3 miles then take the exit to Rte. 25. At the traffic signals at the end of the ramp go left and head west (Smithtown). The restaurant will appear after about 1.5 miles, on the right side of the highway. Their telephone number is 631-471-0585. Their website is: <http://www.polloricolatinbistro.com/>

Topic

Slamming is what happens to a ship when it hits a wave at high speed and the impact that occurs is devastating. It has been known to break hulls and the spines of Marines when seas are rough and the small landing craft is involved in overt landing operations at speeds in the range of 70Mph or more.

Attempts to reduce or alleviate this problem are materials related with changes to hull designs, adding shock absorbing materials and seat designs. Seat designs have caused many casualties since the shocks reach their end point after a few impacts and can actually add to the impact force on personnel upper and lower backs.

Speaker

Jack Lombardi received his BSME and MS MetEng in Metallurgical Engineering/Materials Science from The Polytechnic Institute of NY (now NYU) and his PhD in Materials Science and Engineering from Stony Brook. He holds 11 patents in Cosmetic technology and has 4 peer reviewed papers related to Rheology and Biomimetic Materials. Jack became an Emeritus Member of the Society of Cosmetic Chemists National Chapter in 2020. Jack retired from Estee Lauder after 27 years with the company as supervisor of Analytical chemistry, Director of Physical Chemistry and Director of Skin Physiology and Pharmacology. After retiring from Estee Lauder, Jack started as an Adjunct University Professor with Nassau Community College in the Physics department. Since then he has worked as an adjunct professor of Engineering for Hofstra University, The Webb institute and the last 3 years for the United States Merchant Marine Academy in the Marine Engineering Department teaching Materials Science and Mechanics of Materials. Prior to joining Estee Lauder, Jack spent 15 years in aerospace and defense at companies such as Sikorsky Aircraft, Curtiss Wright, Allis Chalmers Nuclear Components Div. and the Guidance Controls Divisions of both Sperry/Unisys and Singer Kearfott.



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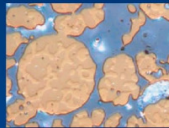
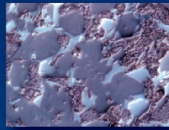
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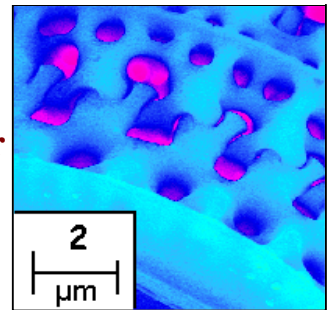
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ON-LINE FORUM

ASM now has an active on-line forum called "ASM Online Member Community". You can join by going to:

<https://www.asminternational.org/communities>

Long Island Chapter Meeting Schedule

Sept 18, 2024	Craig Rosenblum, Himed Implant Biomaterials Pollo Rico, Centereach, NY
Oct 16, 2024	Ship Breaking Jack Lombardi, USMMA Pollo Rico, Centereach, NY
Nov 18, 2024	Student-Nite at SBU, rm301, Monday
Dec 11, 2024 (correction)	The Gifts of the Magi Frank Szalajda, P.E., Margolin & Assoc. Pollo Rico, Centereach, NY

Metro NY-NJ Chapter

www.asminternational.org/web/metro-nynj-chapter

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