



The Materials Information Society

**LONG ISLAND CHAPTER**

# METALLAGRAM



Volume 60 Issue 1

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

## WELCOME TO THE 2018-2019 YEAR

**Next Meeting . . . . . Wednesday, September 19, 2018**

**Where . . . . . Pollo Rico Latin Bistro, Centereach, NY**

**Topic: Materials Selection for Millennial Industry**

**Speaker: Daniel P. Denis, Pratt & Whitney, East Hartford, CT**

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

***Members ... \$25    Guests ... \$27    Students ... \$15***

***(New and recently transferred-in members free)***

***Reservations appreciated – call Peter Indrigo at 631-589-6666***

### **Directions to Pollo Rico Latin Bistro**

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/>

## The Topic

The aerospace and nuclear industries have developed greatly over the last 60 years, and pressures of modern day economics have changed the requirements surrounding selection of materials. Differences in materials and in procedures for selecting materials are discussed in the light of advances in priorities and realities for the Materials Engineer. The topics will be of interest both to seasoned engineers, who have seen modifications to their standard selection approach evolve over time, and to early career engineers, who are looking for guidance and insight in the modern world of material selection. Focus is provided on the effects of green programs, lean quality initiatives, specification origins, and research funding on materials selection process and criteria.

## Our Speaker

Daniel Denis is a Staff Engineer in Design Metallurgy with Pratt & Whitney, providing materials selection expertise in the design, manufacture, and service of jet engines. Prior to Pratt & Whitney, he was a Senior Materials Engineer with Westinghouse Electric Company, advising for design and service of nuclear power plant primary systems. Previously, he was a Research Assistant in Inertial Confinement Fusion with MIT's Plasma Science Fusion Center. Daniel received a Bachelor's Degrees in Nuclear Engineering and Literature from MIT. He has also received a Master's Degree in Engineering Science (Materials) from RPI, focusing on Aerospace Superalloys. Daniel is a Licensed Professional Engineer for Metallurgical and Materials Engineering in the States of Connecticut and Missouri. He is the Chair of the Hartford Section of ASM International and the Northeast District's Chapter Council Representative.



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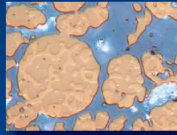
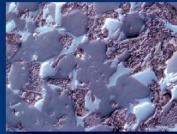


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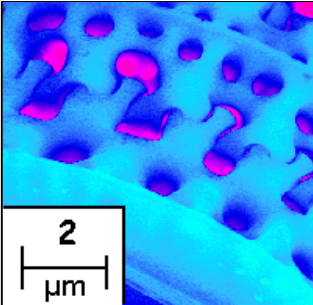
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**Long Island Chapter Meeting Schedule**

<b>Oct. 17, 2018</b>	<b>Speaker: Brian Brady, National Grid</b> <b>Topic: Likely: Failure Analysis</b> <b>Place: Pollo Rico, Centereach</b>
<b>Nov. 14, 2018</b>	<b>Student Night</b> <b>Place: tbd</b>
<b>Dec. 12, 2018</b>	<b>Speaker: Likely Jeff Wasson</b> <b>Topic: Medieval Metal Armor</b> <b>Place: Pollo Rico, Centereach</b>

**Metro NY-NJ Chapter**

(<http://www.asminternational.org/web/metro-ny-nj-chapter/home>)