



# METALLAGRAM

LONG ISLAND CHAPTER



Volume 66 Issue 6

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

## Past Chairs Night

**Next Meeting . . . . . Wednesday, February 19, 2025**

Where: Pollo Rico Latin Bistro, Centereach, NY

Topic: Electronic Materials and Quality Assurance

Speaker: Rick Schwartzman, RGS Micro Consulting LLC

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](mailto:MigliorinoDan@gmail.com) or 516-468-9615



**RGS**

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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

An example of solving "material" issues with a point-of-load (POL) hybrid circuit which places power management power supply regulators near the point of use, to provide a precise voltage supply to specific circuits. A case study is presented involving a particular surface mount technology (SMT) circuit used in the Orion reusable crewed spacecraft used in NASA's Artemis program.



## Speaker

Rick Schwartzman has 39 years in the microelectronics industry from a materials engineering perspective. He holds an M.S degree in Materials Science from SUNY Stony Brook. Initially worked at Brookhaven Lab as a Research Assistant in the Physics department evaluating radiation damage induced thermoluminescence of granite for use in spent fuel-rod repositories. Then migrated to AIL as a Process Engineer working on hybrids for B1B, EA6, P-3 counter measures, radar, and classified space. Next, 30 years at Aeroflex doing power hybrids for satellite telemetry and pointing, satellite cell balancing electronics for lithium ion batteries, T/R hybrids for phased-array steering, custom and standard product rad-hard microcircuits. He is currently retained as a Sr. Process Engineer by Honeywell to support Electromagnetic Defensive Systems (EDS) releasing MMIC and Flipchip advanced manufacturing technology.



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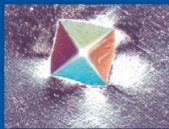
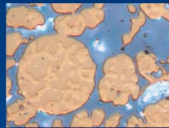
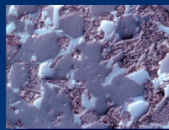
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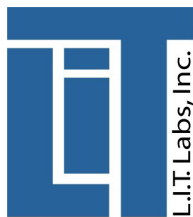
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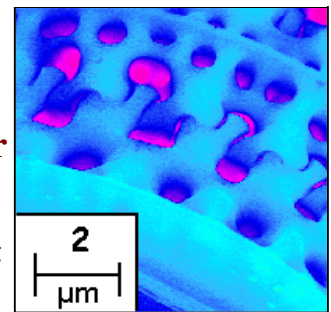
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## ON-LINE FORUM

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

- Feb 19, 2025** Rick Schwartzman, RGS Consulting  
**Electronic Materials and Quality Assurance**  
Pollo Rico, Centereach, NY
- Mar 26, 2025** Jonathan Gutleber, Oerlikon Metco  
**CMAS Resistant Coatings**  
Pollo Rico, Centereach, NY
- Apr 23, 2025** Student-Nite at Old Field Club

## Metro NY-NJ Chapter

[www.asminternational.org/web/metro-nynj-chapter](http://www.asminternational.org/web/metro-nynj-chapter)

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