



METALLAGRAM

LONG ISLAND CHAPTER



Volume 65 Issue 4

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

Companions Night

Next Meeting Wednesday December 13th, 2023

Where: Pollo Rico Latin Bistro, Centereach, NY

Topic: Measuring Height (mm to μm , • — □)

Speaker: Jim Quinn, Stony Brook University

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

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The Speaker

Dr. Jim Quinn received his undergraduate degree in Physics from Stony Brook University in 1983. He obtained his doctoral degree in Surface Science, also from Stony Brook, in 1992 following research into the crystal structure of metal and semiconductor surfaces. From 1993 to 1994, he was a post-doctoral fellow at the Brookhaven National Laboratory where he was involved as a beam-line scientist at the High Flux Beam Reactor. Since then, Jim has been the Director of Laboratories for Stony Brook in Materials Science and Chemical Engineering. Among his many responsibilities, he teaches laboratory courses, specializing in metrology, microscopy, spectroscopy, diffraction, and their instrumentation.

The Topic

Using classical rulers, calipers, optical microscopes, and even scanning electron microscopes, it is often difficult to measure height above the mean surface in the multi-millimeter to sub-micron range. We shall discuss the contemporary instrumentation to measure spot, line, and area for height, profile, and surface, while not spending a fortune. From contact to non-contact, measuring height is not all that straight forward or inexpensive.



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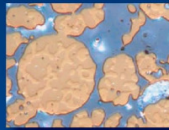
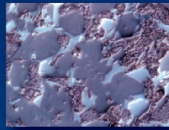
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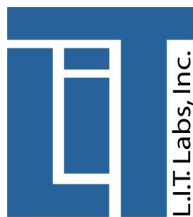
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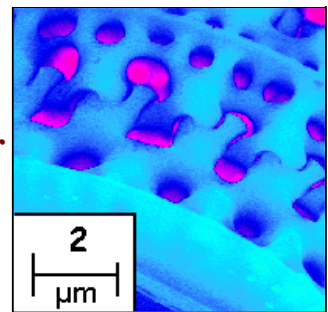
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<https://www.asminternational.org/communities>

Long Island Chapter Meeting Schedule

- Jan TBA, 2024** Biays Bowerman, BNL
Graphite Sampling for  Verification
Joint meeting w/ LIANS
Pollo Rico, Centereach, NY
- Feb 21, 2024** Elyssa Torres, Roux
Water Treatment @ Pollo Rico
- Mar 20, 2024** Greg Smith, Rimkus
Failure Analysis @ Pollo Rico

Metro NY-NJ Chapter

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

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