



METALLAGRAM

LONG ISLAND CHAPTER



Volume 68 Issue 1

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

OPENING NIGHT

Next Meeting Wednesday, September 16, 2026

Where: Pollo Rico Latin Bistro, Centereach, NY

Topic: You Want How Many Samples? What working across research cultures (and international borders) taught me about being a scientist.

Speaker: Natalia Brizuela Colmenares, SBU/MSCE/CTSR

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

What does it mean to be a “good scientist” when the rules of research change from one laboratory to another? Drawing from research experiences in different countries and both academic and industry-driven environments, this talk explores how funding, resources, research culture, and scientific goals shape the way we approach problems. From learning to extract as much information as possible from a handful of samples to working with advanced facilities and, eventually, tackling industry-driven questions, each environment taught me a different way of doing science. A reflection on how working across different research cultures broadens the scientific toolbox and how different research approaches can ultimately complement one another.

Speaker

Natalia Brizuela Colmenares, Ph.D. is a Materials Scientist and Postdoctoral Researcher at Stony Brook University's Center for Thermal Spray Research. She received her Ph.D. and M.S. in Materials Science from CINVESTAV in Mexico and her B.S. in Molecular Engineering and Nanotechnology from Universidad de las Américas Puebla. Her research focuses on advanced materials processing and thermal spray technologies for aerospace, energy, and other demanding applications. She is a published author and has presented her research at several national and international conferences.

Beyond her research, Natalia is passionate about building scientific communities and mentoring the next generation of materials scientists. She is a co-founder and board member of Women in Thermal Spray (WiTS), an organization focused on mentorship, networking, and leadership development for women entering the thermal spray field. Previously, she co-founded and served as Chair of the Mexican Student Chapter of the American Ceramic Society, where she helped organize academic seminars, technical training, networking, and community-building events for graduate students.



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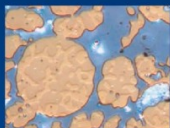
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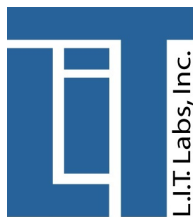
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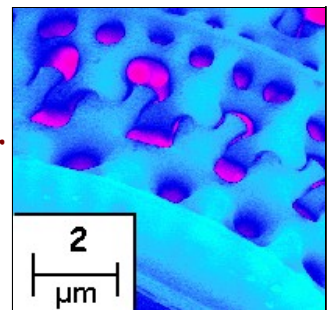
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ON-LINE FORUM

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

Wed. Oct 21, 2026	Matt May, Dayton T Brown Engineering du jour Pollo Rico restaurant
Mon. Nov 16, 2026	Student Nite, Senior Design Rm301, Engineering Bldg Stony Brook University
Wed. Dec 9, 2026	Joel Hurowitz, SBU/Geo Mars Materials

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

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