

Volume 67 Issue 1

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

#### WELCOME TO THE 2025-2026 YEAR

Next Meeting . . . . Wednesday, September 17<sup>th</sup>, 2025

Where: Pollo Rico Latin Bistro, Centereach, NY

Topic: Particle Counting for Fuel & Lubricant Cleanliness: Sampling, Measurement, and Interpreting ISO 4406 Results

Speaker: Angelina Precilla, Koehler Instrument Company

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: <a href="http://www.polloricolatinbistro.com/">http://www.polloricolatinbistro.com/</a>

#### **Topic**

This talk focuses on the core principles and practical workflow of particle analysis for fuels and lubricants. It covers how modern particle analyzers (light-obscuration and laser imaging systems) measure contaminant size and concentration, best practices for representative sampling and sample handling, calibration and verification routines, and how to convert raw counts into ISO 4406 cleanliness codes that engineers and quality teams can act on. Attendees will learn common sources of measurement error, ways to reduce sampling bias, and straightforward approaches to using particle-count data to drive filtration and contamination-control decisions in production and maintenance environments.

#### **Speaker**

Angelina Precilla is a Technical Application Engineer at Koehler Instrument Company, where she helps customers identify and implement the right laboratory instruments for their fuel, lubricant, and industrial testing needs. She graduated from Stony Brook University in May 2024 with a Bachelor's degree in Chemical and Molecular Engineering, specializing in Materials Science, and has also passed the FE exam. As an active ASTM member, Angelina leads several R&D projects at Koehler, including current work on particle counting for fuel and lubricant cleanliness. She has co-authored multiple research papers across a range of topics and frequently collaborates with laboratories and companies to develop innovative and sustainable testing solutions.





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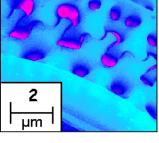
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#### **ON-LINE FORUM**

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 15, 2025 STBA, DaytonTBrown

Engineering Topic du Jour Pollo Rico, Centereach, NY

Mon. Nov 17, 2025 Student-Nite

Senior Design Students Present Old Eng. Bldg. rm301, SBU

Wed. Dec 10, 2025 Richard Goldman, DDS

Matériaux Hydroponiques ou Dentaires. *Découvrons-le*. Pollo Rico, Centereach, NY

#### **Metro NY-NJ Chapter**

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



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