



The Materials Information Society

LONG ISLAND CHAPTER

METALLAGRAM



Volume 61 Issue 2

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

Next Meeting Wednesday, October 16, 2019

Where Pollo Rico Latin Bistro, Centereach, NY

Topic: Infrared Thermography of Metals

Speaker: Dan Migliorino, ReliaCoat Technologies

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/>

Our Speaker

Daniel Migliorino is a graduate from the Department of Engineering Science at Stony Brook University, specializing in Materials Engineering. Since graduating with a Bachelor of Engineering in 2012 he has been employed at Long Island Testing Labs and is currently working at Reliacoat Technologies. His employment at Reliacoat mainly consists of building and assisting the development of the various sensors they offer for the thermal spray industry. Along with his assembly work, he has spent several years developing an Infrared thermography non-destructive evaluation (NDE) system for use inspecting thermally sprayed coatings.

The Topic

Thermal Spray technology has been used for decades to create engineered coatings for many industrial applications. A few of these applications are thermal barriers for combustion engines and turbines, adding corrosion and wear resistance, restoration of deteriorated or worn equipment and application of non-skid surfaces. Where there are materials, there is a need for inspection techniques to assure their quality in application and throughout their lifetime. Some traditional techniques can be used such as radiology and dye penetrant, but more advanced techniques are needed to determine hidden voids and to deal with the complex structure of a thermal sprayed coating. This talk will show an overview of one such technique: Flash Infrared Thermography, a non-contact NDE technique that can allow the operator to visualize and infer the properties and possible defects through the coating thickness.



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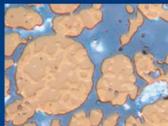
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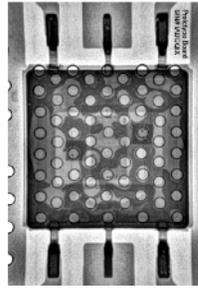
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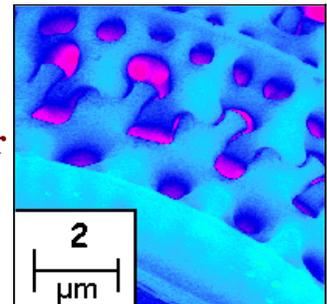
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WELCOME TO THE CHAPTER!

Jose Colmenares Angulo, Oerlikon Metco

Edward Gildersleeve, SBU

Meric Ikiz, Oerlikon Metco

Gilberto Ubilluz, Oerlikon Metco

All new members, including those who have transferred in from another Chapter, are invited to dine free at a regular meeting of their choice. Please take us up on this offer - come along to the meeting and introduce yourself. This is an excellent way to meet with other Chapter members and to establish new business and social relationships in the area.



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Long Island Chapter Meeting Schedule

Nov. 20, 2019 **Student Night**
Place: Old Field Club, Setauket

Dec. 11, 2019 **Speaker: Collin Olson, D'Addario**
Topic: Guitar String Materials
Place Pollo Rico, Centereach

Metro NY-NJ Chapter

www.asminternational.org/web/metro-ny-nj-chapter

2019-2020 schedule not yet available