



The Materials Information Society

**LONG ISLAND CHAPTER**

# METALLAGRAM



Volume 57 Issue 2

Chapter website: <http://www.matscieng.sunysb.edu/asm/>

**Next Meeting . . . . . Wednesday, October 21, 2015**

**Where . . . . . Pollo Rico Latin Bistro, Centereach, NY**

**Topic: Dental Materials: Regeneration Around Teeth and Dental Implants**

**Speaker: Dr. Julio A. Carrion, 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 – email Peter Indrigo [peterd@unitronusa.com](mailto:peterd@unitronusa.com)**

**or call 631-589-6666**

## **WELCOME TO THE CHAPTER!**

*Jonathan Gutleber, Oerlikon Metco*

*Harold Michels, Copper Development Association*

*Jaisimha Pai, BHAT Metals*

*Riston Rocchio, Oerlikon Metco*

*Victor Schaeperkoetter, Oerlikon Metco*

*Kim Hoe Tam, Cypress Semiconductor*

All new members, including those who have transferred in from another Chapter, are invited to dine free at a regular meeting of their choice (not applicable to the wine tasting!). 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.

### Our Speaker

Dr. Julio A. Carrion received a Bachelor of Science degree in Biology from the University of Puerto Rico, a D.M.D. degree from the School of Dental Medicine in Puerto Rico, Certificates in General Dentistry, Advanced Clinical Research and Periodontics and a Ph.D. degree in Oral Biology and Pathology from Stony Brook University. Dr. Carrion then became an Assistant Professor and Director of Periodontal Research at Stony Brook University. He has achieved the status of Diplomate of the American Board of Periodontology. Dr. Carrion's main research interests focus tissue engineering, 3D scaffolds, and craniofacial regeneration.

### His Topic

The use of regeneration materials in the dental field is an area that is rapidly evolving. Regeneration consists of the reconstitution of a lost or injured body part to its original architecture and function. A well-orchestrated chain of events, involving blood supply, cells, growth factors and scaffolds is critical to achieve regeneration; particularly, around teeth affected by periodontal disease and failing dental implants. The materials used include bone grafts and membranes, but also growth factors, cells-based therapies and more recently, 3D-printed bio-resorbable scaffolds. This lecture provides a review of the materials currently used and a discussion for potential future clinical applications.

### **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/>



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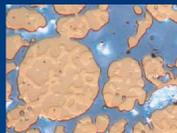
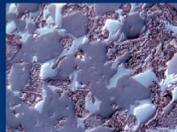
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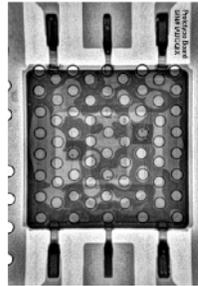
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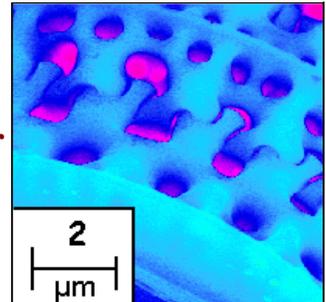
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### Long Island Chapter Meeting Schedule

**Nov. 18, 2015**      **Student Night**  
Location: Old Field Club

**Dec. 9, 2015**      **Topic: Art Materials**  
Speaker: John Twilley  
Location: Pollo Rico, Centereach

**January ??, 2016**    **Joint meeting with LIANS**  
Speaker: tbd  
Location: Pollo Rico, Centereach

### Metro NY-NJ Chapter

(<http://www.asminternational.org/web/metro-ny-nj-chapter/home>)

**October 29, 2015**    **Topic: Additive Manufacturing vs. Forging**  
Speaker: Jon Tirpak,  
Location: Meson Madrid, Palisades Park, NJ

### Long Island Metal Workers Society

(website <http://www.limws.org>)

**No events listed**

### 2015-2016 CHAPTER OFFICERS

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