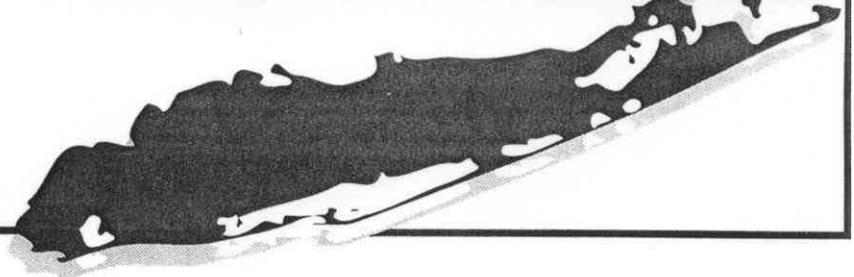




The Materials Information Society

LONG ISLAND CHAPTER

# METALLAGRAM



Volume 48 Issue 2

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

**Next Meeting: Wednesday, October 25, 2006**

## **Private Tour of the Cradle of Aviation Museum**

**Charles Lindbergh Boulevard, Garden City, NY**

**Schedule: Arrival – 5:15 pm SHARP!!!**

**Tour – 5:30 – 6:30 pm**

**Dinner – 6:45 pm (Tin Alley Grill, 630 Stewart Avenue)**

*Members ... \$22; Students ... \$10; Guests ... \$25*

*(New and recently transferred-in members free!)*

**Reservations appreciated - call Peter Indrigo (631-589-6666, ext. 2617)**

### **Directions to the Cradle of Aviation Museum:**

- **From the Southern State Parkway:** take the Meadowbrook Parkway north to exit M4, follow signs to Nassau Coliseum (this will put you on Charles Lindbergh Blvd.), stay on Charles Lindbergh Blvd. to the second traffic light and turn right into the parking lot.
- **From the Northern State Parkway:** take the Meadowbrook Parkway south to exit M4 and initially follow signs to Nassau Coliseum. Within approximately 1/4 mile take the right fork to Charles Lindbergh Blvd., remain on it to the second traffic light and turn right into the parking lot.

The **Tin Alley Grill** is about a mile from the museum. Turn right out of the parking lot onto Charles Lindbergh Blvd., keep right to go onto Quentin Roosevelt Blvd., turn left onto Stewart Ave., and make a U-turn after about 0.4 miles.

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Some of the attendees at the September 13, 2006, meeting during the laboratory tour at the Institute for Research and Technology Transfer at Farmingdale State University

## WELCOME TO THE CHAPTER!

*William Cheung, Valley Stream*

*Friedrich Herold, Sulzer Metco*

*Jimmy Ma, Brooklyn*

*Palm Ng, Bayside High School*

*Marjorie Sharpe, Queens Vocational High School*

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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Professor Hazem Tawfik (back to camera) explains the hybrid fuel cell battery pack system during the tour of the IRTT laboratory at Farmingdale State University



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**CRADLE OF AVIATION MUSEUM**

On entering the four story glass atrium, the entrance to the Reckson visitor center, one is immediately confronted by a Grumman F-11 in a shallow dive, its nose pointed at the door. A little higher up, a 1929 Fleet biplane can be seen in a 60-degree bank and elsewhere a “pilot” appears to be maneuvering his Paramotor, the only flying machine currently in production on Long Island. These and half a dozen other suspended exhibits prepare the visitor for a unique historical tour. For over a century, from the first flights by frail biplanes on the Hempstead Plains, to man’s walking on the Moon, Long Island has been on the leading edge of America’s aviation and space adventure. Long Islanders have helped transform aviation from a spectator sport to a major means of commercial transportation. In addition, a large portion of America’s aerial arsenal in time of war was produced at facilities here on the Island. The many historic flights that transpired here, and the many aviation companies that developed here, helped make aviation the integral part of our world that it is today. The museum provides a record of all these achievements, its exhibits ranging from the earliest kites to space exploration vehicles.



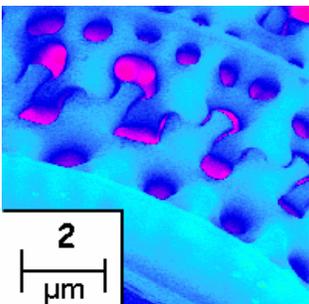
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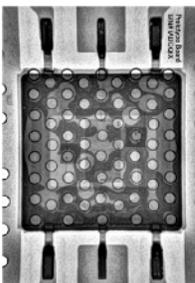
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## CHAPTER MEETING SCHEDULE

### Long Island Chapter

- Nov. 15, 2006** Place: Wang Center, Stony Brook Univ.  
Speakers: SBU Senior Students  
Topic: Initial design projects, concepts, etc.
- Dec. 13, 2006** Place: TBD  
Speaker: Fan Tao  
Topic: The Violins of the Future
- Jan. 17, 2007** Place: Brickhouse Brewery, Patchogue  
Joint meeting with LIANS
- Feb. 15, 2007** Place: Sitar Restaurant, Huntington  
Speaker: Gary Elgort, Con-Ed  
Topic: The Metallurgy of Steam Pipes
- Mar. 14, 2007** Place: Mauricio's, St. James  
Speaker: Jeff Brogan, Mesoscribe  
Topic: The Materials of Mesoscale Sensors
- Apr. 11, 2007** Place: TBD  
Speakers: SBU Senior Students  
Topic: Final design projects, concepts, etc.
- May 22, 2007** Wine tasting and buffet dinner at Martha Clara Vineyards, Riverhead

### Metro NY-NJ Chapter

(contact Rich Lynch @ 201-891-8399)

- Oct. 17, 2006** Place: L'Affaire, Mountainside, NJ  
Speaker: James McHenry, CTC  
Topic: Friction Stir Welding
- Nov. 14, 2006** Place: SBU Manhattan  
Speaker: Jerry Croopnick  
Topic: Liquid Metal Technologies
- Feb. 6, 2007** Place: L'Affaire, Mountainside, NJ  
Young Members Night  
Speaker: John Metzger, Nuclear Energy
- Mar. 20, 2007** Place: L'Affaire, Mountainside, NJ  
Speaker: Robert Shaler, Penn State U.  
Topic: DNA analysis for 9/11

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Stony Brook University

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