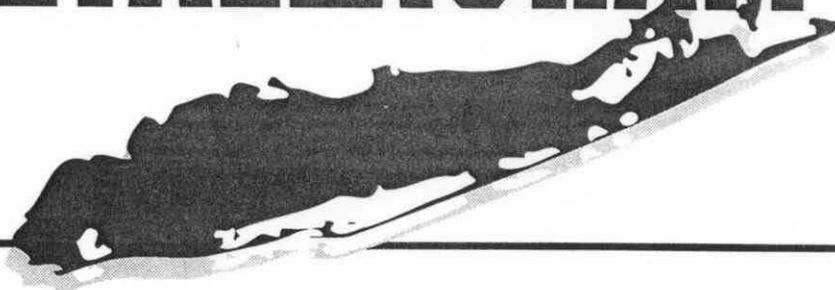


METALLAGRAM

LONG ISLAND CHAPTER



Volume 48 Issue 4

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

******* *Companions Night* *******

Next Meeting: Wednesday, December 13, 2006

Where: Mauricio's, St. James, NY

♪ Topic: *The Violins of the Future* ♪

Speaker: *Fan Tao, J. D'Addario & Company, Farmingdale, NY*

Meeting Start ... 6 pm (Wine & Beer 6-7 pm)

Dinner ... 7:00 pm

Speaker ... 8:00 pm

Members ... \$22 Guests ... \$25 ASM 25 years ... \$20 Students ... \$12

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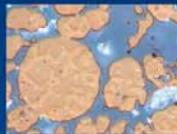
Our Speaker

Fan Tao is Director of R&D at D'Addario & Company in Farmingdale, NY, where he designs violin and guitar strings. He also directs a violin acoustics workshop every summer at Oberlin College where the world's leading violinmakers and acoustics researchers meet. He received his Bachelor's degree from Caltech and his Master's degree from Princeton University, both in electrical engineering. He started his present career in musical acoustics in 1999.

The Topic

The speaker has publicly predicted “The traditional wood violin will be as obsolete as wooden tennis racquets and wooden golf clubs within a generation.” Is this possible? After all, the 300-year-old violins made by Antonio Stradivari are still considered the ultimate concert instruments by all violinists. Why would a successful 500-year-old design still being used today need any improvement? What would the violin of the future sound and look like? The recent work of some leading edge violinmakers using composite structures made from carbon fiber and ultra-light weight balsa wood are shedding light on this issue.

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It was a "Full House" at the November 15, 2006, meeting at the Charles B. Wang Center "chapel" at Stony Brook University.

STONY BROOK

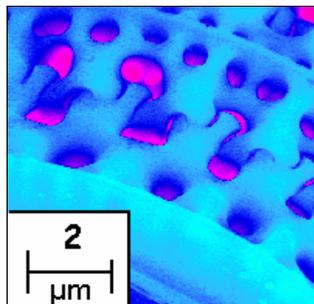
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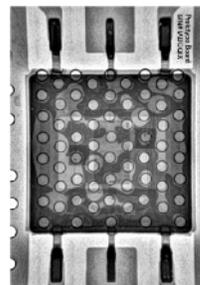
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CHAPTER MEETING SCHEDULE

Long Island Chapter

- Jan. 17, 2007** Joint meeting with LIANS Place: Brickhouse Brewery, Patchogue
Speaker: Sam Aronson, Director, BNL
- 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** Annual General Meeting
Place: TBD
Speakers: SBU Senior Students
Topic: Final design projects, concepts, etc.
- May 6, 2007** Wine tasting at an East End Long Island vineyard

Metro NY-NJ Chapter

(contact Rich Lynch @ 201-891-8399)

- Feb. 6, 2007** Young Members Night
Place: L'Affaire Restaurant, Mountainside, NJ
Speaker: John Metzger
- Mar. 20, 2007** Joint meeting with ASNT and AWSI
Place: L'Affaire Restaurant, Mountainside, NJ
Speaker: Robert Shaler, Penn State Univ.
Topic: DNA Testing for 9/11
- Apr. 26, 2007** Family Night; Awards Night; Elections
Place: L'Affaire Restaurant, Mountainside, NJ
Speaker: Devinder Mahagan, BNL
Topic: Hydrogen Economy
- May 15, 2007** Plant visit – Continental Airlines Maintenance Facility

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