



# METALLAGRAM

LONG ISLAND CHAPTER



Volume 60 Issue 5

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

**Joint Meeting with the Long Island Section of the American Nuclear Society**

**Next Meeting . . . . . Wednesday, January 8, 2019**

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

**\*\*\*\*\* John Weeks Lecture \*\*\*\*\***

**Topic: Albert Einstein:**

**His Life and Greatest Scientific Achievements**

**Speaker: Les Fishbone, LGF Consulting LLC**

***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)***

### **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

Leslie G. Fishbone has worked for thirty-eight years in nuclear material safeguards. He served at Brookhaven in the Nonproliferation and National Security Department until early 2014, with a four-year leave at the Department of Safeguards of the IAEA. He currently works through LGF Consulting LLC. At Brookhaven, he worked on upgrading and sustaining nuclear material protection, control and accounting in Russia, where he traveled many times over nineteen years, and on projects to improve the international verification work of the IAE.

Dr. Fishbone earned a Bachelor of Science degree in physics from the California Institute of Technology in 1968. He received a Doctor of Philosophy degree in 1972 from the University of Maryland, with a dissertation in the field of relativistic astrophysics, specifically about black holes, under Charles Misner. Thereafter he went to the Soviet Union as a participant in the research exchanges between the National Academy of Sciences and the Academy of Sciences of the U.S.S.R. From 1974 to 1977 he was a postdoctoral fellow at the University of Utah.

## The Topic

Who was the greatest scientist of the twentieth century? Albert Einstein, who was born in Ulm, Germany in 1879. While working in the Swiss Patent Office, he achieved his first scientific successes, notably the special theory of relativity. This theory focuses on the effects of high velocity on space and time. About ten years later, he formulated the general theory of relativity. This theory describes gravity, including its application to the universe as a whole. After emigrating to the United States, Einstein wrote a letter to President Franklin Delano Roosevelt in 1939 that led to the Manhattan Project and the development of the atomic bomb. Einstein died in Princeton, New Jersey in 1955. Dr. Fishbone's presentation will describe several of Einstein's achievements and their significance.



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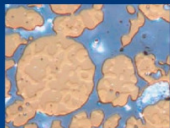
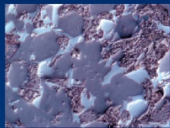
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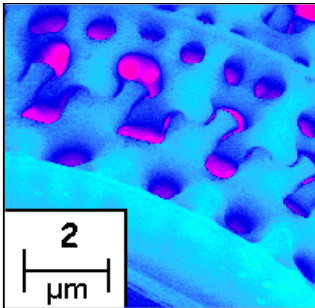
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All new members, including those who have transferred in from another Chapter, are invited to dine free at a regular meeting of their choice. Please take us up on this offer - come along to the meeting and introduce yourself. This is an excellent way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

**Feb. 20, 2019** Past Chairs Night  
Topic: Nano Metals and Metal Oxides  
Speaker: Coray McBean, CVD Corp  
Place: Pollo Rico, Centereach

**March 13, 2019** Sustaining Members Night  
Speaker: Matt Wittlinger, BAE Systems  
Topic: 3d Printing in Aerospace Industry  
Place: Pollo Rico, Centereach

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Feb. 7, 2019 – Garry Hoffman (3HTi) – 3D Metal Printing