

MEETING NOTICE!

AUDIO ENGINEERING SOCIETY, INC.
SAN FRANCISCO SECTION
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ADDRESS CORRECTION REQUESTED



AUDIO ENGINEERING SOCIETY, INC. SAN FRANCISCO SECTION

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San Francisco Section Web Page Moves

The Audio Engineering Society San Francisco Section web page has moved. It is now located at:

www.aessf.org

There you will find up to the minute information on meetings, job postings, links to other audio industry organizations and information about the San Francisco Section. You can also sign up on the web page to receive email notification of meetings. Email notification is available to both members and nonmembers. The web page is intended to serve the needs of the San Francisco Section. Send any comments or feedback on how it can better serve the section's needs to info@aessf.org.

Akio Morita 1921 – 1999

Tokyo, Japan, October 3, 1999

It is with great sadness that Sony Corporation announced the loss of Akio Morita, Founder and Honorary Chairman, Sony Corporation. Mr. Morita was 78 years old. He is survived by his wife Yoshiko, sons Hideo and Masao, daughter Naoko.

Akio Morita was born on January 26, 1921, in the city of Nagoya, to a family of sake brewers. The Morita family has been brewing sake for nearly 400 years in the city of Tokoname, near Nagoya. Akio was groomed to become the heir to the family business.

The Morita family had in those days already embraced the latest in Western culture, like the automobile and the electric phonograph. Whenever he was relieved from his household duties, the young Akio would become engrossed in taking apart the phonograph and putting it back together.

From an early age, Akio was fond of tinkering with electronic appliances, and mathematics and physics were his favorite subjects during his elementary and junior high school days.

After graduating from High School Number Eight, he entered the Physics Department at Osaka Imperial University.

In 1944, Akio, who had become a Navy lieutenant upon graduation from university that year, met the late Masaru Ibuka for the first time in the Navy's Wartime Research Committee.

When he returned to the family home in Nagoya after the war, he read an article about a research laboratory founded by Ibuka appeared in an Asahi newspaper column called, "Blue Pencil." Ibuka had founded Tokyo Telecommunications Research Institute to embark on a new beginning. Upon reading this article, Morita visited Ibuka in Tokyo and they decided to establish a new company together. On May 7, 1946, Ibuka and Morita founded Tokyo Tsushin Kogyo K.K. (Tokyo Telecommunications Engineering Corporation) with approximately 20 employees and initial capital of 190,000 yen. At that time, Ibuka was 38 years old and Morita was 25. In 1958 the company decided to change its corporate name to Sony in 1958. In 1960, Sony Corporation of America was established in the United States. Morita was eager to diversify Sony's operations outside of the electronics business. In 1968, the company established CBS/Sony Group Inc. Then in 1979, Sony founded Sony Prudential Life Insurance Co. Ltd., a 50-50 joint venture with The Prudential Life Insurance Co. In 1988 Sony acquired CBS Records Inc. The following year, Sony acquired Columbia Pictures Entertainment, Inc.

Besides managing Sony, Morita was Vice Chairman of the Keidanren (Japan Federation of Economic Organizations) and a member of the Japan-U.S. Economic Relations Group, better known as the "Wise Men's Group."

Morita was the first Japanese to be awarded the Albert Medal from the United Kingdom's Royal Society of Arts in 1982. In 1984, he received the National Order of the Legion of Honor (Ordre National de la Légion d'Honneur), and in 1991, he was awarded the First Class Order of the Sacred Treasure from H. M. the Emperor of Japan.



NOVEMBER MEETING



Subject: A Brief Tutorial on Proximity Effect
Speaker: David Josephson, Josephson Engineering
Place: Cogswell College, Sunnyvale, CA
Time and Date: Nov. 2nd, 7:30 PM (refreshments at 7:00 PM)

During the 1999 convention in New York, David presented a paper "A Brief Tutorial on Proximity Effect" which is the basis for his talk for the San Francisco section. Many people are unaware of this basic characteristic of directional microphones. The talk will cover basic physics of pressure and pressure gradient in the near and far field, common methods used in mic design to achieve directivity using pressure gradient, and the practical results for the microphone user. Two main points will be discussed in detail, which are often missing from the literature on this subject. The first is that proximity effect is an issue not only for close sound sources, where it causes bass boost, but for distant ones too in many cases. The second point is that proximity effect can only occur where there is pressure gradient — at 90 degrees to the mic's axis, there is no gradient and no proximity effect. Differences between theory and reality will be illustrated with near and far-field measurements of several dynamic, ribbon and condenser microphones.

Mr. Josephson studied Electrical Engineering at UC Berkeley and was the chief engineer of the university's radio station from 1975 to 79. From 1979 to 89 he worked in geophysical sensors and systems with survey contractors and with the equipment manufacturer EG&G Geometrics in Sunnyvale. In 1989 he started Josephson Engineering to develop condenser microphones for studio, stage and measurement. The company moved to larger facilities in 1997 and now produces complete microphones and OEM microphone elements for customers worldwide. Mr. Josephson holds three patents in directional microphone design and has given several papers at AES section meetings and conventions. He has served the AES San Francisco section as Vice Chairman and committee member, has chaired sessions and workshops at AES conventions. He is now chair of the AES Standards Committee working group on microphone characterization, and of the AES Technical Council committee on microphones and applications.

Directions

From the East Bay - Take 880 to 237 west. Exit on Mathilda Ave. north. Turn right on the frontage road and then left onto Bordeaux Drive. The meeting is in the auditorium.

From the Peninsula - Take 101 to 237 east. Exit on Mathilda Ave. north. Turn right on the frontage road and then left onto Bordeaux Drive. The meeting is in the auditorium.

COMING EVENTS

October 19 - 22
 Digital Video Conference
 Long Beach, CA

November 1 - 5
 Acoustical Society of America
 Columbus, OH

November 15 - 19
 Comdex
 Las Vegas, NV

November 19 - 22
 SMPTE
 New York, NY

JOB BOARD

E-mu/Creative Technology

The following job openings are available at the E-mu/Creative Technology Center. Please see their web page at: <http://www.sei.com/employment-opps/job-emu.html> for more information.

- Senior Software Engineer
- Software Liaison Engineer
- Engineering Scientist
- Audio Compression Research Engineer
- Speech Coding Research Engineer
- DSP Software Engineer
- Audio Compression Standards Specialist
- Program Manager

Please send your resume to:
 fax: 831-438-8509
 email: recruiter@sei.com

Additional job openings are posted on the AES web page.

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