

MEETING NOTICE!

AUDIO ENGINEERING SOCIETY, INC.
SAN FRANCISCO SECTION
60 EAST 42ND STREET, ROOM 2520
NEW YORK, NY 10165-2520
ADDRESS CORRECTION REQUESTED



AUDIO ENGINEERING SOCIETY, INC. SAN FRANCISCO SECTION

APRIL 1999

VOL. MXCXXV

Nomination Time Again

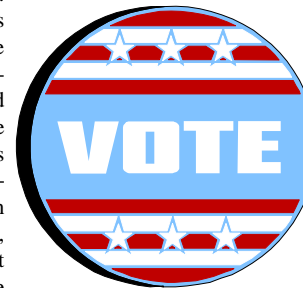
The section officers are elected by the AES members in a mail ballot each spring. Any member who is in good standing with the AES and is willing to accept the responsibility of the position is eligible to run for office. If you are a member of the society and wish to run for office, please fill out the enclosed form completely and send to the section secretary.

The paragraphs below describe the duties of the various officers and committee. The local chapter needs your support, without the dedication of its volunteers, the AES would not be able to provide

the services and meetings currently available to our section. We strongly encourage anyone willing to devote a few hours a month to nominate themselves.

DUTIES OF A CHAIRPERSON

Chair the meetings of the Section. Schedules Executive Committee Meetings and assures that all Committee members are notified of the time and place of these meetings. Approves the selection of Section meetings. Serves as liaison for presenters of meetings in order that slide projectors, sound systems, and other necessary accessories are available. Represents the Section at National, International or Regional meetings. Develops a charge or statement of responsibility for all committees, subject to Executive Committee approval. Reviews and signs all legal Section documents. Advises other Executive Committee members in the resolution of problems. Ensures that action is taken to implement Executive Committee decisions. Assumes responsibility for smooth operation of the Section, even though the Chair may temporarily delegate certain of its authority to the Vice Chairperson or other members of the Executive Committee. Assigns a Nomination Committee and sets up an election date for continuity of the Section.



DUTIES OF A VICE CHAIRPERSON

Attends all Executive and Section Meetings. Stands in for the Chairperson at all regular Section activities whenever the Chairperson is unable to attend. Has responsibility for maintaining educational and personal advancement programs that may be established by the Executive Committee. Assumes special duties of the Chair upon request of the Chair and direct delegation of authority by the Chair.

DUTIES OF A SECRETARY

Attends all Executive and Section meetings. Prepares agenda and minutes of all meetings for Chairperson and Executive Committee approval. Handles correspondence, notices, and forms relating to the Section. Prepares Section meeting notices and assures timely mailing of these notices to the Section members. Record the meetings and sends reports to the Journal. Arranges a location for holding the monthly Section meeting and is the contact for dinner and meeting reservations.

DUTIES OF A TREASURER

Attends all Executive and Section meetings. Prepares a budget for the fiscal year in conjunction with the Executive Committee. Maintains financial accounts of the Section. Maintains an up to date audit of accounts for the review by the Executive Committee at the Committee and Section meetings. Approves and authorizes payment of checks for Section expenses in conjunction with the Executive Committee. Section checks must require two signatures. Be responsible for safekeeping of the Section checkbooks, passbooks, fiscal books, and cash box where necessary. Supervise the selling of function tickets as required at Section activities. Deposit all received funds to the Section's checking account in a timely manner. Arrange for audit of accounts at the end of the fiscal year.

DUTIES OF A COMMITTEE PERSON

Attend all Executive and Section meetings. Assist Section officers in the execution of their duties. Provide support in special functions which are not the assigned duties of Executive Section officers. It is expected that each Committee person be responsible for the planning and arranging of 1 section meeting each year and be the coordinator for that meeting.



APRIL MEETING



Subject: Unequal Error Protection for
Wireless Transmission of MPEG Audio

Speaker: Dr. Curtis Ling, Asst. Professor HKUST

Place: Crowne Plaza Hotel, Foster City

Time and Date: April 8th, 7:30 PM (Appetizers at 7:00 PM)

A new unequal error protection scheme for enhancing the quality of the wireless transmitted MPEG audio is introduced. The scheme is divided into two parts. The first part, namely the unequal frame protection, put more protection on the header portion of the MPEG frame and less protection on the data sample portion of the MPEG frame. The second scheme, namely the unequal sample protection, put more protection on the most significant bits (MSBs) of the finely quantized data samples and less protection on the least significant bits (LSBs) of the coarsely quantized data samples. Simulation results show that when comparing to the equal error protection scheme, the proposed unequal frame protection scheme reduces the frame error rate by a factor of 2 while the proposed unequal sample protection scheme lowers the peak-sub-band-error-power-to-mask ratio of the audio data by as much as 11 dB.

As an undergraduate, Curtis attended the Air Force Academy and the California Institute of Technology, obtaining his BSEE at Caltech in 1988. He completed his doctoral research in integrated antennas and receiver circuits at the University of Michigan, Ann Arbor in 1993. In the fall of 1993 he joined the Electrical and Electronic Engineering Department at HKUST, where he presently serves as assistant professor. His areas of research include RFIC design, base-band processing techniques for wireless communications, intelligent antenna diversity control systems for mobile handsets, and high-frequency IC device models. Dr. Ling also serves as the Faculty-in-Charge of the Wireless Communications Laboratory and Assistant Director of the Consumer Media Laboratory at HKUST.

Directions

From the East Bay - Take 92/San Mateo Bridge west. Take the first exit at the end of the bridge and turn left off the ramp onto Chess Drive. The Crowne Plaza is on the left side of the street.

From the Peninsula - Take 101 to 92 east. Go approximately 1 mile to Foster City Blvd. exit, turn left at the exit ramp and left onto Foster City Blvd. Go over the highway and turn left onto Chess Drive. The Crowne Plaza is on the left side of the street.

COMING EVENTS

April 7 - 9
WinHEC
Los Angeles, CA

April 10 - 12
International AES Conference
Rovaniemi, Finland

April 19 - 22
NAB
Las Vegas, NV

April 19 - 22
Spring Comdex
Chicago, IL

JOB BOARD

The following positions are open at Digidesign. See their web page at <http://www.digidesign.com/about/jobs.html> for more details

Senior Engineering Test Manager
Senior Systems Level Software Engineer
Application Software Engineer
Application Software Engineer
Audio/Post Test Engineer
Technical Writer
Sr. Technical Writer

Our total compensation package includes comprehensive benefits, 401K, and a profit sharing plan. Please send us your resume, indicating position of interest to: e-mail jobs@digidesign.com, fax: (650)842-7999, or mail: Digidesign, 3401-A Hillview Avenue, Palo Alto, CA 94304, Attn: Professional Staffing. EOE.

Additional job openings are posted on the AES web page.

SAN FRANCISCO SECTION

CHAIRPERSON	RON KNAPP 408-487-3215 RKNAPP650@AOL.COM
VICE CHAIRPERSON	BRANDON PROCTOR 415-826-9195
TREASURER	ANNEMARIE STAEPELAERE 650-328-8338
SECRETARY	BRIAN CHENEY 510-222-4276
COMMITTEE	SCOTT LEVINE TED MARSH ROBERT MEGANTZ BILL ORNER CHUCK PEPLINSKI GENE RADZIK TED TANNER PHIL WIESER

AUDIO ENGINEERING SOCIETY, INC.

INTERNATIONAL HEADQUARTERS
60 EAST 42ND STREET, ROOM 2520
NEW YORK, NY 10165-2520
TEL. 212-661-8528
FAX 212-682-0477
[HTTP://WWW.AES.ORG](http://www.aes.org)

SAN FRANCISCO SECTION
3429 MORNINGSIDE DRIVE
EL SOBRANTE, CA 94803
TEL. 510-222-4276
FAX 510-232-3837
[HTTP://REALITY.SGI.COM/CSP/AESSF](http://reality.sgi.com/csp/aessf)

SECTION NEWSLETTER
BILL ORNER
TEL 650-903-0301
FAX 650-903-0409
EMAIL.BILL.ORNOR@IEEE.ORG