

AGENDA  
TECHNICAL COMMITTEE ON ARCHITECTURAL ACOUSTICS (TCAA)

Date: June 19, 1997

TCAA CHAIR: Dana Hougland  
TCAA SECRETARY: Ron Freiheit

**ATTENDEES**

**Leo Beranek, John Bradley, Bennett Brooks, Dick Campbell, Antonio Pedro. Carvalho, Gabriel Caunt, Lou Clark, Dan Clayton, Bob Coffeen, Russ Cooper, Felicia Doggett, John Erdreich, Tom Horrall, David Havelock, Dave Homa, Tony Hover, Tor Kihlman, John Kopec, David Lubman, Gary Madaras, Gerald L. Marshall, David Marsh, Daniel W. Martin, Kurt Milligan, Charles T. Moritz, Paul B. Ostergaard, Richard J. Peppin, Michel Picard, Joe Pope, Daniel Queen, Kenneth Roy, Carl J. Rosenberg, Paul Schomer, Steve Smith, Gilbert Soulodre, Michelle Swearingen, Jiri Tichy, Robert Walkling, Lily M. Wang.**

**ANNOUNCEMENTS:**

Student Design Competition Results: There were 17 entries from around the country: Kyoko Iwasaka, U. of FL; Joseph B. Walker - FIRST HONORS - U. of FL; Jacob Evelyn Kain - COMMENDATION - MIT; Micheal Ermann - U. of FL; Tom Mc Graw - U. of KS; Jason Rose - TX Tech. U.; Pamela Aytar - U. of KS; Chad Mestel - U. of KS; Kelly Moylan - U. of KS; Travis L. Hicks - Princeton; Charles Arthur & Jeffery Wright - COMMENDATION - U. of KS; Gabriel Caunt - COMMENDATION - U. of KS; Michelle Swearingen & Lilly Wong - Penn State; Steve Billingsley - Iowa State; Michael Frank - COMMENDATION - Penn State; Steven Smith - Penn State; Ryan Williams - OK State U.; Elise Chan - Penn State; Randi Sidik - Penn State; Stan Roberson - TX Tech U. The panel of judges included: Dennis Paloetti, Greg Tocci, Dana Hougland, (more?). The prizes awarded were \$1000 for first place and \$500 for each commendation. The sponsors for the competition were; EVI, Wenger, Shure, IAC, MBI, Newman Awards and Modernfold. Letters were sent to 70 architecture programs and acoustics programs from around the country. The Design Competition Project was to design a small performing arts center for a modest college.

**ACKNOWLEDGMENTS:**

Thanks to the session chairs and co-chairs; **John Bradley, L. Gerald Marshall, David Lubman, Mike Nixon, Bob Coffeen, Ed Logsdon, Jason T. Weissenberger, Bennet Brooks, Dick Campbell, Chris Brooks, Bill Cavanaugh, Joe Pope** (joint with INCE).

**PREVIOUS MINUTES:**

Motion to accepted revised meeting minutes from the Hawaii TCAA made by **Rich Peppin**, seconded by **Russ Cooper**.

### **OLD BUSINESS**

Classroom Acoustics - **Mike Nixon** congratulated **Dana Houglan** and **Dave Lubman** for the fine Classroom Acoustics session. A call for further action came out of the workshop session. Key items from the session; a workshop in conjunction with the San Diego meeting will be held in L. A. at the House Ear Institute to gather people from multiple disciplines to gain a consensus of what needs to be done to improving classroom acoustics; Acoustical Accessibility will be added to a proposal for rule changes put forth by the US Environmental and transportation Compliance Board (Access Board) which is under the Dept. of Justice. **Bennett Brooks** updated the group on the joint meeting sponsored by the AIA and The Access Board held in Washington D.C. The goal of attending this meeting was to bring more information back to the acoustics group on where the Access Board was regarding Classroom Acoustics. The Access Board is open to including Classroom Acoustics this as part of their on-going discussion. There will be formal request to the Technical Council to work on this jointly with TCAA, Noise and P&P. There will be another opportunity to present a seminar on acoustics to the architects at next years AIA meeting. This may develop into a regularly offered course. The current plans are to use some of the technical funding to devolve presentation materials. **Dennis Paleotti** and others will be working together on this. The current plans is have these ready by the San Diego meeting. **Dave Lubman**. suggested a copyright be obtained for the new presentation materials. **Bob Coffeen** mentioned how important it is to get a good time slot for this course during the AIA session. A motion was made by **Bennett Brooks** to create a task force to promote the study of classroom acoustics. Seconded by **Dan Martin**. It was passed unanimously.

**Dave Lubman** gave recognition to **Bob Coffeen** and **Rick Talaske** for being elected to Fellowship.

Meeting Room Acoustics - The CESSE seminar will be at Pittsburgh in July. **Charles Schmid**, **Red Weathill**, **Howard Kingsbury** and **Rick Talaske** will be presenting the issue of meeting room acoustics during this seminar. If this is accepted at this meeting would be presented to other meeting organization groups. The information presented will cover a proposed way to rate meeting room acoustics. It was also suggested to maybe look at other room acoustics certification models like THX. It was also suggest to do exit interviews after meeting as part of the process. **Rick Talakse** will be distribute the latest copy regarding this proposal on meeting room acoustics to the ASA Meetings Committee to use internally.

### **FUTURE MEETINGS:**

- (David Havelock needs a contact person for Multimedia)

SAN DIEGO December 1-5, 1997

Poster Session on Recording and Production Studios - **David Prince**  
May create a publication from the entire in this poster session.

Knudsen Lecturer - **Christopher Jaffe** - Title (TBD)

Distinguished Lecture for San Diego - **Bill Cavanaugh**

Loudspeakers for Listening Spaces - **Neal Shaw**

The impact of Real Time Signal Processing on Acoustical Measurement Techniques  
(AA & SP) - **Sam Berkow (sp?)**

Proposed and additional Special Session Named in the Honor of Paul Vennakausen -  
**David Lubman, Dan Martin & Leo Beranek**

Paper Sorter - **Dave Lubmann** (or another person)

SEATTLE Joint Meeting between ASA/ICA June 20-28, 1998

Proceedings are required including camera ready presentation; call for papers will go  
out 9/1/97 with a **SHORT** deadline of 10/x/xx with extended abstracts due February 15  
1997.

Measuring and Modeling Noise Flanking Transmission in Floors - **Trevor Nightingale**  
(Joint session between AA and Noise). A preliminary list of speakers has been  
developed.

Case Study on the New Tokyo Performing Arts Center - **Leo Beranek**  
A half day of invited papers. This may develop into a full day session.

Case Study on the Tokyo International Forum - **Chris Jaffe**

Opera House Design-Case Histories **Roberto Pompoli** and **Robert Essert**  
(MCHA, CIARM)

State of the art of Opera House Acoustics; Past Present and Future - **Roberto Pompoli**  
(MCHA, CIARM)—may be more than one session

Sound Field for the Audience - **Ando** (MCHA, CIARM)

Opera House Student Design Competition - **Bob Coffeen**

Opera Halls and Opera Singers or Sound Field for Orchestra and Singers - **Roberto  
Pompoli** and **Ingo Titze** (MCHA, CIARM, MU)

Trains and their Impact on Performance Halls - **George Wilson** (AA, NS)

Knuteson Lecture for Seattle - **John Bradley**

Sound Scapes (Designing the Sonic Environment) - **Joe Pope** (AA, NS, MU) **Ken Roy**  
has some contacts for this session.

Paper Sorter - Suggested **Jerry Lilly**

### NORFOLK

Moveable Acoustics—Cruise Ship Acoustics - **Neal Shaw**

Microphone Techniques and Placement for Orchestral Recording -

Integration of Acoustics for Organs in Performance Spaces - **Dan Clayton** Possibly a session on organs as an instrument based on the Mediavla (sp?) organ being built in Gottenburg (Tor)

Characterization of Scattering - **Mendle Kliner**

Multimedia Spaces (Rooms) - **Bob Coffeen** and **David Marsh**

Acoustics of Office Spaces - **Ken Roy**

### BERLIN

Modeling of Acoustics Industrial Buildings (AA, NS) - **Murray Hodgson, David Marsh**

Verification of Modeling and Auralization Programs - **Dick Campbell, Bob Coffeen, David Marsh** (?)

Coupled Spaces and Reverberant Chambers in Acoustic Design - **Sam Berkow**

Acoustics for Choral Performances

Classroom Acoustics

### TECHNICAL INITIATIVES STATUS REPORTS AND REQUESTS FOR 1998

Webpage - Scott Pfiefer

Classroom Acoustics (see above section)

Travel Funding for Students - Bob Coffeen reported that only one request was made for the Penn State meeting

CHRG - used for transferring data into a CD-ROM, needs to be formally requested; approximately 35% complete at this time. It's estimated that we'll have a sample of the disk by the end of this summer. **Tim Foukes** will make the formal request.

Suggestions for 1998 should be in by the San Diego meeting (correspond via e-mail)

#### EXECUTIVE COUNCIL REPORT

New Dues Structure - In 1998 full members for CD-ROM or the printed journal will be \$120 or if both are requested \$140. If neither is requested, the member will receive the off print at \$80. Short term dues will be \$20. Students will be \$35 and receive the CD-ROM every other month with the offline printing each month. The plan is to have JASA go on-line in the second half of 1998. This will become part of the dues options for 1999.

Foundation Announcement - **Paul Ostergaard** A foundation has been formed to support the society. Currently they are looking for support from the members. Brochures describing the foundation were distributed at the Plenary session. There are multiple ways set up to give to the foundation. **All** gifts are welcome. In the future this may show up as an option on the dues bill.

Demo of Electronic Preprint and Rapid Publication - shown at the Penn State meeting (used before submitting an article to JASA); also a discussion of a more rapid method of delivery of articles for JASA.

New editor for Echos - Five applications were received for this position. Tom Rossi was selected from these applications as the new editor and is also the present publisher as a quarterly newsletter.

#### INTRA SOCIETY REPORTS

None

#### INTER SOCIETY REPORTS

NCAC request to avoid having sessions on Friday afternoon at the San Diego Meeting

#### NEW BUSINESS

Nominating Committee for New Chair - The chair will appoint a committee for this.

**Bill Cavanaugh** suggested that the TCAA should have a wine and cheese function at the San Diego meeting to recognize **John Kopec's** book which is now in publication.

**Bill Cavanaugh** suggested that Thursday night be selected for the TCAA meeting in San Diego (to minimize conflicts with the NCAC schedule); but will not be the same night as the Noise Technical meeting.

#### MEETING ADJOURNMENT

Motion made by **Jiri Tishe** and seconded by **John Kopec**.

