Architectural Acoustics

2001 Annual Report

TCAA had a very busy and productive year, with numerous special sessions in Chicago and Ft. Lauderdale, and numerous activities supported by technical initiatives from the Technical Council.

Highlights included the ASA meetings, continued work on classroom acoustics, adopting management of the Newman Award, the development of an ASA "Registry of Acoustical Places", development of a book on halls for music performance, and even support of a video production for classroom acoustics.

The local meeting committee for Chicago was comprised primarily of TCAA members, including Scott Pfeiffer (the general chair), along with Paul Calamia, John Kopec, Martha Larson, and Ian Hoffman.

Special sessions at the Chicago meeting included concert hall measurements, first 80 milliseconds in auditoria, a poster session of halls for music performance, a joint poster session (with engineering acoustics and noise) on acoustical test facilities, student design competition in architectural acoustics, architectural acoustic modeling and imaging, a walking tour of three Chicago theaters, measurements and predictions of building materials and systems (joint with engineering acoustics and noise), privacy and articulation in classrooms and other occupied spaces (joint with noise), and sound of baseball (joint with noise, physical acoustics and engineering acoustics). Session chairs included Christopher Jaffe, Jerald Hyde, Christopher Storch, Timothy Foulkes, Ian Hoffman, Charles Moritz, Brigitte Shulte-Fortkamp, Daniel Raichel, Robert Coffeen, Lily Wang, Robin Glosemeyer, Neil Shaw, Brandon Tinianov, David Lubman, and Joseph Pope. Paper sorters were Brandon Tinianov and Robin Glosemeyer. Robert Coffeen, Lily Wang, and Robin Glosemeyer directed the student design competition.

K. Anthony Hoover was introduced as the new TCAA chair. Dorie Najolia reported that the student council was developing a new web page. David Egan was elected as chair of the subcommittee managing the Robert Newman Award. William Cavanaugh reported on the development of a "Registry of Acoustical Places". TCAA members Angelo Campenella and Soren Bech were recognized as new Fellows of ASA. TCAA, animal bioacoustics, music, noise, structural acoustics and the National Council of Acoustical Consultants jointly sponsored a student reception. Scott Pfeiffer, Paul Calamia, and Martha Larson arranged a lecture presentation at nearby Orchestra Hall, and also worked with Richard Talaske in arranging a theater crawl of Auditorium Theater, the Palace Theater, and Goodman Theater.

Sessions at the Ft. Lauderdale meeting included room acoustics potpourri, speech privacy design in office spaces, the TCAA Vern O. Knudsen Distinguished Lecture, integration of synthesis techniques with "acoustic" music (joint with musical acoustics), cruise ship acoustics (high seas acoustical adventures) (joint with noise), speech intelligibility and metrics (joint with speech communications), and measurements and materials. Session chairs included David

Marsh, John Erdreich, Kenneth Roy, David Lubman, K. Anthony Hoover, Richard Campbell, Russell Cooper, and Peggy Nelson. Paper sorters were Lily Wang and David Marsh. David Bradley reported that the student council had generated a section on the ASA website. Jerry Lilly was recognized as a new Fellow of the Acoustical Society of America. TCAA, animal bioacoustics, music, noise, and the National Council of Acoustical Consultants cosponsored a student luncheon. Members were encouraged to attend the Acoustical Society Foundation fundraising dinner featuring Sebastian Junger.

Technical initiatives continue to support TCAA's website maintenance, student receptions, and the printing of the classroom acoustics brochure. Technical initiatives also supported AIA (American Institute of Architects) certification for courses taught by members of TCAA who offered courses to architects.

TCAA members continued to assist in the development of the guidelines for proper acoustics in classrooms, with a goal of completing an ANSI standard.

Roughly 70 members attended the TCAA meeting in Chicago and about 50 attended in Ft. Lauderdale.

Members continue to actively participate in all aspects of TCAA, both at ASA meetings and beyond.

Active participation remains strong in TCAA, and our membership, including student members, continues to grow.

K. Anthony Hoover, Chair