

Speech Communication

The Speech Technical Committee (TC) supports the activities, meetings, publications, etc. for the largest technical area in the Society. The current members of the Committee are Jean Andruski, Lynne Bernstein, Fredericka Bell-Berti, Catherine T. Best, Ocke-Schwen Bohn, Suzanne E. Boyce, Ann Bradlow, Dani Byrd, Rene Carre, Robert D. Frisina, Bruce Gerratt, James Hillenbrand, Lori Holt, Hideki Kawahara, Jody E. Kreiman, Qiguang Lin, Diane L. Meador, Benjamin Munson, Shrikanth S. Narayanan, John J. Ohala, Dwayne Paschall, Peggy Nelson, Astrid Schmidt-Nielsen, Samuel A. Seddoh, Elaine T. Stathopoulos, Brad Story, Winifred Strange, Mario A. Svirsky, Emily A. Tobey, and Gary G. Weismer. Peter Assmann, Randy Diehl, Kenneth Grant, Anders Lofqvist, and Douglas O'Shaughnessy serve as our Associate Editors. Diane Kewley-Port helped facilitate the use of IPA fonts with the new Peer XPress online submission system. Other *ex-officio* members of the Committee are Tessa Bent and Maureen L. Stone. Thanks to our paper sorters who arrange the technical programs, Emily Tobey and Peter MacNeilage in Austin, and Freddie Bell-Berti and Laura Koenig in New York. Special thanks to Speech TC member Freddie Bell-Berti who served on the New York local organizing committee and the 75th Anniversary Committee. We gratefully acknowledge the organization and hard work of Patricia Kuhl who co-chaired the 75th Anniversary Committee with Leo Beranek. The "Future Challenges in Speech Communications" talk given by Dani Byrd at the City Center was exciting and insightful.

Maureen Stone has been our representative to the Membership Committee which makes decisions regarding Fellows of the Society. At the New York meeting we welcomed Abeer Alwan, Li Deng, and Alain de Cheveigne as Fellows of the Society. We are also happy to announce that Maureen Stone is the incoming Chair of the Speech Communications Technical Committee, and Abeer Alwan will become our representative to Membership.

Stetson Scholarship for Research

the Raymond H. Stetson Scholarship in Phonetics and Speech Production is administered by Speech TC. This annual Stetson Scholarship supports a student in graduate study in scientific areas related to the field of phonetics and motor speech production. This year's award of \$3000 went to Marion Dohen (Institut de la Communication Parleé, Univ. Stendhal, Grenoble, France) Honorable mention was given to Kathryn Connaghan (Speech & Hearing Science, University of Washington). James Hillenbrand chaired the Stetson subcommittee composed of Betty Tuller, Laura Koenig and Jody Kreiman.

Student Activities

The Committee sponsors two student activities, a competition with a cash award for best oral or poster presentation and in Austin a well-attended evening reception with other technical committees. Over 24 students in Austin and 50 students in New York were considered for the Best Student Paper Award. In Austin, Carolyn Richie at Indiana University was awarded the first prize of \$300 and Madhavi Basu at Purdue University received the second prize of \$200 for the Best Paper Award. The coordinators for the judging in Austin were Helen Hanson and Suzanne Boyce, while in New York Ben Munson joined the coordinator team. Tessa Bent at Northwestern University is our Student Council representative. Their activities have now resulted in a very useful web site for students in the Society: <http://www.acosoc.org/student/>

Special Sessions

Speech Communication has sponsored many interesting special sessions during the past year. In Austin, Freddie Bell-Berti (SC) and Susan Blaeser (Standards) organized a session called "Speech Intelligibility and AAC Devices." The primary purpose of this session was to raise interest in developing a new standard for speech synthesis. This session succeeded because Ann Syrdal and Corine Bickley have now formed a standards working group on Intelligibility in Text-to-Speech Synthesis that had its first meeting in New York. Other special sessions in Austin included "Issues in Similarity and Distinctiveness" organized by Lynne Bernstein and Pat Keating as well as "Statistical Patterns in Speech" organized by Lori Holt,

Andrew Lotto, and Randy Diehl. As part of a workshop in Austin, Speech helped support a session on "Forensic Acoustics" chaired by Jack Randorff and Peter Ladefoged.

In New York, Anders Lofqvist and Laura Koenig organized as special session, "Forty Years of Voice Onset Time." This session recognized the contributions of Arthur Abramson and Leigh Lisker, and was followed by a reception in their honor. Linda Polka and Megha Sundara organized "Speech perception and production in bilingual acquisition." A joint session with Psychological and Physiological and Acoustics, "Complex sound perception: Honoring the contributions of Charles Watson," was organized by Donna Neff, Marjorie Leek, Larry Humes, and Diane Kewley-Port.

DIANE KEWLEY-PORT

Chair 2001–2004

Underwater Acoustics

I want to first off thank John Perkins, who served admirably as Chair of the Underwater Acoustics Technical Committee (UWTC) for the three years up to and including the Nashville meeting (Spring 2003). For the Austin meeting (Fall 2003), Christopher Tiemann and David Knobles effectively represented the UWTC at the technical program organizing meeting (TPOM). The UWTC sponsored two special sessions: one organized by Grant Deane and entitled "The Acoustics of Bubbles in the Marine Boundary Layer," which was co-sponsored by Acoustical Oceanography (AO) and Physical Acoustics, the other organized by Paul Hines and Dale Hutt and entitled "Gradient Array Acoustics," which was co-sponsored by Engineering Acoustics (EA) and Signal Processing (SP). UW was also involved in co-sponsoring special sessions with six other technical committees, including the "Aubrey L. Anderson Memorial Session on Gas-Bearing Sediments" sponsored by AO. There were 22 papers submitted to the student paper competition for the Austin meeting under the auspices of the UWTC. Geoff Edelmans was awarded first prize for "The stability of the time-reversal process in a fluctuating ocean," and Donald Outing received second prize for "Geoacoustic characterization of a range dependent environment using towed array data." The chair of the UWTC judges committee was Peter Dahl. In Austin, UWTC members David Dowling, Peter Gerstoft, Hee-Chun Song, and Evan Westwood were recognized as new Fellows of the ASA.

Some changes in effect by the Austin meeting include the appointments of Eric Thorsos as UWTC representative to the Medals and Awards Committee, and Henrik Schmidt as UWTC representative to the Membership Committee; Joseph Zalesak remains our representative to the ASA Committee on Standards. After Austin, Tom Weber (ARL-PSU) was appointed by the chair as the student representative to the Student Council, replacing the graduating Geoff Edelmans (MPL-SIO). As promised at the UWTC meeting in Austin, a new web site for the UWTC was launched.

By all measures the New York City 75th anniversary (Spring 2004) meeting was a complete success, with one highlight being the presentation of the Gold Medal to Chester McKinney, a founding member of the UWTC. James Preisig and Natalia Sidorovskaia represented the UWTC at the Technical Program Organizing Meeting (TPOM), and handled well the scheduling challenges unique to this meeting.

The UWTC sponsored a special session entitled: "Autonomous Underwater Vehicle Acoustics," organized by Henrik Schmidt and Thomas Howarth, and co-sponsored by Engineering Acoustics (EA). UW was also co-sponsor of three special sessions involving Acoustical Oceanography, Signal Processing, and Engineering Acoustics, and one special session involving all technical committees of the ASA, in honor of Leo Beranek.

The UWTC had 13 papers presented in the student paper competition for the New York meeting. Jed C. Wilbur was awarded first prize for "Development of a submersible baffled impedance tube for characterization of bubbly fluids," and Shawn F. Johnson, received second prize for "Resolution cell size effects on the statistics of seafloor." The chair of the judges committee was Kyle Becker. The ASA's 75th Anniversary compendium of history lectures was completed in time for distribution for the New York meeting. This included the UWTC history chapter entitled "A Brief History of Underwater Acoustics" by Ralph Goodman, with Introduction by Peter Dahl. A look ahead toward the future was provided by Purnima Ratilal, with her presentation in New York entitled "Ocean acoustic exploration in 2029." In New York, UWTC members Gary Heald and Daniel Rouseff were

recognized as new Fellows of the ASA.
 PETER H. DAHL
Chair

USA Meetings Calendar

Listed below is a summary of meetings related to acoustics to be held in the U.S. in the near future. The month/year notation refers to the issue in which a complete meeting announcement appeared.

- 2004**
- 16–18 Sept. Twelfth Annual Conference on the Management of the Tinnitus Patient. For professionals and tinnitus patients. The University of Iowa, Iowa City, IA [Contact Rich Tyler, 319-356-2471; E-mail: rich-tyler@uiowa.edu, WWW: www.uihealthcare.com/depts/med/otolaryngology/conferences/index.htm].
- 20–24 Sept. ACTIVE 2004—The 2004 International Symposium on Active Control of Sound and Vibration, Williamsburg, VA [INCE Business Office, Iowa State Univ., 212 Marston Hall, IA 50011-2153; Fax: 515 294 3528; E-mail: ibo@ince.org; WWW: inceusa.org]
- 4–8 Oct Short Course on Underwater Acoustics, State College PA [www.outreach.psu.edu/C&I/UnderwaterAcoustics]
- 15–19 Nov. 148th Meeting of the Acoustical Society of America, San Diego, CA [Acoustical Society of America, Suite 1N01, 2 Huntington Quadrangle, Melville, NY 11747-4502; Tel.: 516-576-2360; Fax: 516-576-2377; E-mail: asa@aip.org; WWW: <http://asa.aip.org>].
- 2005**
- 16–19 May Society of Automotive Engineering Noise & Vibration Conference, Traverse City, MI [Patti Kreh, SAE International, 755 W. Big Beaver Rd., Ste. 1600, Troy, MI 48084; Tel.: 248-273-2474; E-mail: pkreh@sae.org].
- 16–20 May 149th Meeting of the Acoustical Society of America, Vancouver, Canada [Acoustical Society of America, Suite 1N01, 2 Huntington Quadrangle, Melville, NY 11747-4502; Tel.: 516-576-2360; Fax: 516-576-2377; E-mail: asa@aip.org; WWW: <http://asa.aip.org>].
- 18–22 July 17th International Symposium on Nonlinear Acoustics, State College PA [Anthony Atchley, The Pennsylvania State Univ., 217 Applied Science Research Lab. Bldg., University Park, PA 16802; Tel.: 814-865-6364; E-mail: INSA17@outreach.psu.edu; www: <http://www.outreach.psu.edu/c&i/ISNA17/>].
- 17–21 Oct. Joint ASA 150th Meeting of the Acoustical Society of America and NOISE CON 2005, Minneapolis, MN [Acoustical Society of America, Suite 1N01, 2 Huntington Quadrangle, Melville, NY 11747-4502; Tel.: 516-576-2360; Fax: 516-576-2377; E-mail: asa@aip.org; WWW: <http://asa.aip.org>].

Cumulative Indexes to the Journal of the Acoustical Society of America

Ordering information: Orders must be paid by check or money order in U.S. funds drawn on a U.S. bank or by Mastercard, Visa, or American Express credit cards. Send orders to Circulation and Fulfillment Division, American Institute of Physics, Suite 1N01, 2 Huntington Quadrangle, Melville, NY 11747-4502; Tel.: 516-576-2270. Non-U.S. orders add \$11 per index.

Some indexes are out of print as noted below.

Volumes 1–10, 1929–1938: JASA and Contemporary Literature, 1937–1939. Classified by subject and indexed by author. Pp. 131. Price: ASA members \$5; Nonmembers \$10.

Volumes 11–20, 1939–1948: JASA, Contemporary Literature, and Patents. Classified by subject and indexed by author and inventor. Pp. 395. Out of Print.

Volumes 21–30, 1949–1958: JASA, Contemporary Literature, and Patents. Classified by subject and indexed by author and inventor. Pp. 952. Price: ASA members \$20; Nonmembers \$75.

Volumes 31–35, 1959–1963: JASA, Contemporary Literature, and Patents. Classified by subject and indexed by author and inventor. Pp. 1140. Price: ASA members \$20; Nonmembers \$90.

Volumes 36–44, 1964–1968: JASA and Patents. Classified by subject and indexed by author and inventor. Pp. 485. Out of Print.

Volumes 36–44, 1964–1968: Contemporary Literature. Classified by subject and indexed by author. Pp. 1060. Out of Print.

Volumes 45–54, 1969–1973: JASA and Patents. Classified by subject and indexed by author and inventor. Pp. 540. Price: \$20 (paperbound); ASA members \$25 (clothbound); Nonmembers \$60 (clothbound).

Volumes 55–64, 1974–1978: JASA and Patents. Classified by subject and indexed by author and inventor. Pp. 816. Price: \$20 (paperbound); ASA members \$25 (clothbound); Nonmembers \$60 (clothbound).

Volumes 65–74, 1979–1983: JASA and Patents. Classified by subject and indexed by author and inventor. Pp. 624. Price: ASA members \$25 (paperbound); Nonmembers \$75 (clothbound).

Volumes 75–84, 1984–1988: JASA and Patents. Classified by subject and indexed by author and inventor. Pp. 625. Price: ASA members \$30 (paperbound); Nonmembers \$80 (clothbound).

Volumes 85–94, 1989–1993: JASA and Patents. Classified by subject and indexed by author and inventor. Pp. 736. Price: ASA members \$30 (paperbound); Nonmembers \$80 (clothbound).

Volumes 95–104, 1994–1998: JASA and Patents. Classified by subject and indexed by author and inventor. Pp. 632. Price: ASA members \$40 (paperbound); Nonmembers \$90 (clothbound).

Volumes 105–114, 1999–2003: JASA and Patents. Classified by subject and indexed by author and inventor. Pp. 616. Price: ASA members \$50; Nonmembers \$90 (paperbound).

Members of Technical and Administrative Committees of the Acoustical Society of America

The Technical and Administrative Committees listed below have been appointed by the Executive Council. These appointments, with such changes as may be made by the President from time to time, will be in effect until the Spring meeting of the Society in 2005.

Technical Committees 2004–2005

Acoustical Oceanography

	Term to
N. Ross Chapman, <i>Chair</i> to 2004	2007
Kyle M. Becker	2007
Grant B. Deane	2007
Christopher Feuillade	2007
Peter Gerstoft	2007
Oleg A. Godin	2007
John K. Horne	2007
Bruce M. Howe	2007
Anthony P. Lyons	2007
Ralph A. Stephen	2007
Kathleen E. Wage	2007
Peter F. Worcester	2007
Mohsen Badiey	2006
Paul E. Chandler	2006
Dezhang Chu	2006