

Lynne Bernstein, Catherine T. Best, Ocke-Schwen Bohn, Suzanne E. Boyce, Ann Bradlow, Dani Byrd, Roger Chan, Melissa Epstein, Robert Fox, Alexander Francis, Bruce Gerratt, Kenneth Grant, Helen Hanson, James Hillenbrand, Diane Kewley-Port, Jody E. Kreiman, Anders Lofqvist, Andrew Lotto, Benjamin Munson, Terrence Nearey, Peggy Nelson, Douglas O'Shaughnessy, Dwayne Paschall, Joseph Perkell, Astrid Schmidt-Nielsen, Brad Story, and Gary G. Weismer. Other *ex officio* members include Abeer Alwan, Shrikanth Narayanan, and Fredericka Bell-Berti, our representatives to the Membership Committee, ASACOS, and Medals and Awards, respectively; Jennell Vick is the Student Council representative. The continuing Associate Editors for speech are Alexander Francis, Kenneth Grant, Anders Lofqvist, and Douglas O'Shaughnessy; two newly appointed associate editors are Brad Story and Joan Sussman.

We are grateful for the help of our members this year: (1) Dani Byrd, Rob Fox, and Diane Kewley-Port, who revised the PACS numbers for the speech section. The revisions will take place in September 2005. (2) Our paper sorters, who arrange the technical programs: Jody Kreiman and Dani Byrd in San Diego and Terry Nearey and Richard Wright in Vancouver. Special thanks to Bryan Gick who served on the Vancouver local organizing committee. (3) Coordinators for student judging: Alex Francis, Ameer Shah, and Ben Munson. We also are very happy to welcome three new fellows to the ASA from the speech communication TC: Catherine Best, Patricia Keating, and Robert Remez.

### Student Activities

The Committee sponsored two student activities at each meeting, a competition with a cash award for best student presentation and an evening reception. The evening reception, which is joint with other technical committees, is intended to allow students to meet more senior ASA members informally. The reception was well attended. The student papers were judged by STC members and the winners were awarded \$300 for first prize and \$200 for second prize. In San Diego the first and second place winners were Jason Tourville of Boston University and Jerry Liu of the University of Southern California.

### Special Sessions, Special Talks, and Workshops

Speech Communication has sponsored many interesting special sessions during the past year. In San Diego Sorin Dusin and Lawrence Rabiner organized a special session "Fifty years of progress in speech communication: Honoring the contributions of James L. Flanagan." In addition a session on "Foreign-accented speech: Production, perception and applications" was organized by Ameer Shah. In Vancouver a considerable number of special sessions were held. Ruth Litovsky and Mario Svirsky coordinated the session "Communication abilities of congenitally deaf children" held jointly with Psychological and Physiological Acoustics (P&P), which considered cochlear implants, hair cell regeneration and related subjects. Sonya Bird organized "Indigenous languages of North America," which reduced the deficit of published research in this area. Linda Polka, Ocke-Schwen Bohn, and James Hillenbrand sponsored the session "Vowel systems and language learners." "Spectral integration of complex sounds and speech" was organized by Larry Feth, Eva Jacewicz, and Rob Fox, sponsored by P&P and co-sponsored by Speech. In addition, the "First ASA Workshop on Second Language Speech Learning" was held at Simon Fraser University immediately prior to the ASA meeting in Vancouver. The workshop, organized by Murray Munro and Ocke-Schwen Bohn, was attended by over 100 participants and was very highly praised. Finally, we appreciate the efforts of two members who gave excellent and informative presentations at the Vancouver meeting: the hot topics presentation "Imaging for understanding speech communication: Advances and challenges" by Shri Narayanan and the tutorial presentation "Tutorial lecture on automatic speech recognition" by Carole Espy-Wilson.

MAUREEN STONE

Chair

### Structural Acoustics and Vibration

Many of the technical activities by members of the Structural Acoustics and Vibration Technical Committee (SAVTC) has been supported by funding by the US Navy on vibrations of, acoustic radiation from, and

self-noise in marine vessels. With Navy funding in these areas decreasing, SAVTC is facing new challenges, in addition to maintaining activities in past areas of interest, which is reflected in the SAVTC activities during this year. At the San Diego meeting in November 2004, there were three special technical sessions. Karl Grosh organized and chaired a session on "Structural Acoustics in MEMS." A session on "Surface Ship Vibration and Noise" was organized and chaired by Ray Fischer. Finally, Dan Russell organized and chaired a session on "Vibrations in Sports Equipments." In addition, there were two technical sessions on analysis and measurement methods. At the Vancouver meeting in May 2005, there were two special all-day technical sessions. David Feit organized and chaired a session on "Approximate Techniques for Fluid Loading Effects." Courtney Burroughs and Tom Rossing, from the Musical Acoustics Technical Committee, organized and chaired a session on "Vibration and Acoustic Radiation from Musical Instruments." In addition, there were SAVTC technical sessions on vibration and acoustic radiation.

This was the year for SAVTC to present a Hot Topics paper. At the San Diego meeting, Courtney Burroughs, Dean Capone, and Karl Grosh presented "Hot topics in structural acoustics; New directions and challenges." There was one new Fellow from the SAVTC. Two new Associate Editors for JASA were appointed. Andy Norris "retired" as Associate Editor after several years of service. Student paper award winners at the San Diego meeting were Matt Allen for paper 4pSA1 and Elizabeth Magluila for paper 2aSA11. In the Vancouver meeting, the two student paper winners were Jerome Pinnonnault for paper 5aSA2 and Dany Francoeur for paper 5aSA1. The student representative for SAVTC to the very active Student Council was Lance Locey (Penn State). He was replaced by Micah Shepard (Brigham Young) at the Vancouver meeting. The SAVTC representative to the San Diego TPOM was Courtney Burroughs and to the Vancouver TPOM, Claudio Bulfone. A special thanks to Claudio, who is not a member of SAVTC, for filling in when no one from SAVTC could attend the Vancouver TPOM.

COURTNEY B. BURROUGHS

Chair

### Underwater Acoustics

The year began with preparation for the Fall 2004 meeting in San Diego, for which we thank Peter Gersoft and Peter Worcester for representing the Underwater Acoustics Technical Committee (UWTC) at the Technical Program Organizing Meeting (TPOM). Also, leading up to the San Diego meeting was the prominent cover-article of the October 2004 edition of *Physics Today*, entitled "Shallow-Water Acoustics" by William A. Kuperman and James F. Lynch.

In San Diego the UWTC sponsored special sessions entitled "Very High Frequency [O(100) kHz] Boundary Interaction" that was organized by Gary Heald and "Long Range Acoustic Propagation" that was organized by Peter Worcester. There were 16 papers submitted to the student paper competition for the San Diego meeting under the auspices of the UWTC. Elizabeth T. Kusel (Rensselaer Polytechnic Institute) was awarded first prize for her paper entitled "A single-scattering solution that handles large contrasts across interfaces," and Alexander O. MacGillivray (University of Victoria) received second prize for his presentation entitled "An airgun array source signature model for environmental impact assessments."

Gerald D'Spain presented a Tutorial Lecture on Ocean Noise and Marine Mammals at the San Diego meeting. Closely related to this topic, discussions at the San Diego venue commenced on an ASA Policy Statement on the "Potential Consequences of Anthropogenic Ocean Noise on Marine Animals," by the ASA Panel on Public Policy (PoPP), Working Group on Ocean Noise (James H. Miller and Darlene Ketten, Co-Chairs).

UWTC members Michael Ainslie, Robert Gragg, Phillippe Roux, and Manell Zakharia were recognized as new Fellows of the ASA, and the UWTC also recognizes the contributions of Walter Munk (ASA Honorary Fellowship), Van Holliday (Silver Medal in Acoustical Oceanography), and John Bouyoucos (Silver Medal in Engineering Acoustics), all of whom were recognized in San Diego. Finally, all the Technical Committee Chairs participated in the "Vision 2010 Conference" held at the Scripps Institution of Oceanography the Sunday before the San Diego meeting, with initial recommendations of this conference reported in the Winter 2005 edition of *Echoes*.

The Spring 2005 meeting in Vancouver, BC, held jointly with the Canadian Acoustical Association, was by all measures a fine success. Peter

Dahl represented the UWTC at the January TPOM, and the UWTC sponsored special sessions entitled "Acoustic Interaction with Ocean Boundaries: Single Bounce Measurements," which was organized by Charles Holland, and "Frequency Dependence of Sound Speed and Attenuation in Marine Sediments," which was organized by Gopu Potty and Peter Dahl. There were 21 papers submitted to the student paper competition for the Vancouver meeting under the auspices of the UWTC. Alexander O. MacGillivray (University of Victoria) received first prize for his presentation entitled "An acoustic modeling study of airgun noise from seismic surveys performed offshore British Columbia," and Jie Yang (Georgia Institute of Technology) received second prize for her work entitled "Influence of internal waves on vertical coherence of sound propagation in the East China Sea."

The ASA student paper awards in Underwater Acoustics receive contributions from other, related Technical Committees that do not offer this award; as a result both the paper count and competition is high. Coordinating the judging of these papers is a significant task (we seek at least two, ideally three independent evaluations for each paper), and the UWTC thanks Kyle Becker, who has carried out this coordination role on an *ad hoc* basis for the last three meetings. In Vancouver, the UWTC Chair proposed formalizing this role (*student judge coordinator* with position to last one year; Kathleen Wage has volunteered for this position that will commence with the Minneapolis meeting. We also note the graduation of UWTC Student Council representative Tom Weber (Applied Research Laboratory, Penn State University), who will be replaced by Andy Ganse (University of Washington). Finally the UWTC recognizes the contributions of Svein Vagle who received the Medwin Prize in Acoustical Oceanography in Vancouver.

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.

### 2005

- 17–21 Oct. 150th Meeting of the Acoustical Society of America joint with Noise-Con, Minneapolis, MN [Acoustical Society of America, Suite 1NO1, 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>].
- 27–29 Oct. 5th International Symposium on Therapeutic Ultrasound, Boston, MA [[www.istu2005.org](http://www.istu2005.org); E-mail: [info@istu2005.org](mailto:info@istu2005.org)].

### 2006

- 9–12 Feb. 46th Annual Convention, Illinois Speech-Language-Hearing Association, Rosemont, IL [ISHA, 230 E. Ohio St., Suite 400, Chicago, IL 60611-3265; Tel.: 312-644-0828; Fax: 315-644-8557; Web: [www.aishil.org](http://www.aishil.org)].
- 16–18 Feb. 31st Annual Conference, National Hearing Conservation Association, Tampa, FL [NHCA, 7995 E. Prentice Ave., Suite 100 East, Greenwood Village, CO 80111-2710; Tel: 303-224-9022; Fax: 303-770-1614; E-mail: [nhca@gwami.com](mailto:nhca@gwami.com); WWW: [www.hearingconservation.org](http://www.hearingconservation.org)].
- 6–9 June 151st Meeting of the Acoustical Society of America, Providence, RI Island [Acoustical Society of America, Suite 1NO1, 2 Huntington Quadrangle, Melville, NY 11747-4502; Tel.: 516-576-2360; Fax: 516-576-2377; E-mail: [asa@aip.org](mailto:asa@aip.org); WWW: <http://asa.aip.org>].

- 17–21 Sept. INTERSPEECH 2006 (ICSLP 2006), Pittsburgh, PA [[www.interspeech2006.org](http://www.interspeech2006.org) (<http://www.interspeech2006.org/>)]
- 28 Nov.–2 Dec. 152nd Meeting of the Acoustical Society of America joint with the Acoustical Society of Japan, Honolulu, HI [Acoustical Society of America, Suite 1NO1, 2 Huntington Quadrangle, Melville, NY 11747-4502; Tel.: 516-576-2360; Fax: 516-576-2377; E-mail: [asa@aip.org](mailto:asa@aip.org); WWW: <http://asa.aip.org>].

### 2008

- 28 July–1 Aug. 9th International Congress on Noise as a Public Health Problem (Quintennial Meeting of ICBen, The International Commission on Biological Effects of Noise), Foxwoods Resort, Mashantucket, CT [Jerry V. Tobias, ICBen 9, P. O. Box 1609, Groton, CT 06340-1609, Tel.: 860-572-0680; Web: [www.icben.org](http://www.icben.org); E-mail: [icben2008@att.net](mailto:icben2008@att.net)].

## 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 1NO1, 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).