

These are the minutes from the Underwater Acoustics (UW) Technical Committee (TC) meeting at the 178th Acoustical Society of America (ASA) meeting in San Diego, CA during 2-6 Dec 2019. The TC meeting was held on Thursday, 5 Dec. 2019 and was chaired by Ben Reeder. There were approximately 60 attendees. The agenda consisted of reports on and discussions of (a) subcommittees, (b) meetings, (c) JASA News and (d) miscellaneous items. Jason Summer, Mohsen Badiey, Tony Lyons and Alex Padilla are TCUW's representatives to the standards, membership, awards and student committees, respectively. Best Student papers at the Louisville meeting were announced: First place went to Brandon M. Lee ("Machine learning methods for estimating probability density functions of transmission loss: robustness to source frequency and depth") and second place went to Matthew Charles Zeh ("Model-data comparison of sound propagation in a glacierized fjord with a variable ice top-boundary layer"). Awardees were recognized and congratulated: (a) ASA Fellow: Chen-Fen Huang (for contributions to geoacoustic inversion of ocean state estimation); (b) Medwin Prize in Acoustical Oceanography: Chen-Fen Huang; (c) Rossing Prize in Acoustics Education: Preston S. Wilson; and (d) A.B. Wood Medal and Prize: Julien Bonnel. Peter Gerstoft, Aaron Thode and Tim Duda were recognized for their work as Meeting Chair, Technical Program Chair and TPO Rep., respectively. TCUW-led special sessions this week included (1) CNTBT IMS: A global sensor network with scientific and civil applications in hydroacoustics (Nielsen/Bradley/Zampolli/Haralabus), and (2) Ship source level estimation: Methods and measurements (Tollefsen/Knobles/Hannay). Future ASA and other acoustics meetings were reviewed. One TCUW-led special session is scheduled for the upcoming Chicago meeting: Acoustics of underwater explosions (Dahl, Chapman). Jim Lynch gave an update on Journal news, followed by discussion of numerous miscellaneous items (e.g. photography policy and enforcement, volunteer opportunities in ASA, the International Year of Sound initiative, and ASA Task Force A/B/C/D initiatives. The meeting was adjourned at 2040.