

These are the minutes from the Underwater Acoustics (UW) Technical Committee (TC) meeting at the 176th Acoustical Society of America (ASA) meeting in Victoria BC during 5-9 November 2018.

The TC meeting was held on Thursday, 8 November 2018 from 7:30 pm to 9:00 pm and was chaired by D. Benjamin Reeder. There were approximately 70 attendees. The agenda consisted of reports on and discussions of (a) subcommittees, (b) meetings, (c) JASA News and (d) miscellaneous items.

Roger Logan reported on ASACOS; Mohsen Badiy was confirmed as the TC's representative to the ASA Membership Committee; Tony Lyons continues as the TC's representative to the ASA Awards/Medals Committee; Alex Padilla was introduced and gave a report as the TC's new Student Representative. The newly established annual \$500 Urick prize was announced for the best AO or UW student paper published in JASA, named in honor of Dr. Robert Urick of Catholic University of America, author of the classic text book "Principles of Underwater Sound". Best Student papers at the Minneapolis meeting were announced: First place went to Blake Simon for "Modeling acoustic wave propagation and reverberation in an ice covered environment using finite element analysis". Second place went to Thomas Blanford for "Design considerations for a compact correlation velocity log".

Stan Dosso was recognized and congratulated for a job well done as Meeting Chair for the Victoria meeting. Jon Collis was thanked for his work as TPOM Rep. Discussion ensued regarding various issues and challenges faced in various venues during the week. Special sessions this week included: (1) Unmanned Vehicles and Acoustics (chaired by Erin Fischell), (2) Acoustic Vector Field Studies (chaired by Bob Barton & Kevin Smith), (3) Sediment Acoustics – Inferences from forward modeling, direct, and statistical inversion methods (chaired by Charles Holland & Stan Dosso), (4) Biological Effects on Seabed Geoacoustic Properties (chaired by Kevin M. Lee, Megan S. Ballard & Kelly M. Dorgan), and (5) Variability in Shallow Water Propagation and Reverberation (chaired by Todd Hefner & David Dall'Osto). Special sessions for the upcoming Louisville meeting were reviewed (lead TC): (1) Understanding animal song (AB, AO, SP, SC), (2) Finite Difference Time Domain method across acoustics (PA, BA, SA, SP, UW), (3) Acoustofluidics (PA, BA, SA, SP, UW), (4) Reconfigurable arrays for adaptive wave guiding (SP, EA, PA, SA, UW), (5) Bayesian inference in acoustic signal processing (SP, AO, NS, UW), (6) Borehole Logging Acoustics (SP, AO, PA, AS, UW), and (7) Random Matrix Theory in Acoustic Signal Processing (SP, NS, UW). Special sessions for the upcoming San Diego meeting were discussed: (1) Comprehensive Nuclear-Test-Ban Treaty's International Monitoring System global sensor network: Scientific aspects and civil applications (submitted by Peter Nielson), and (2) Ship source level estimation: Methods and measurements (submitted by Dag Tollefson). Additional, non-ASA acoustical meetings happening around the world were announced.

Jim Lynch gave an update on Journal news. His contract as Editor was been extended to EOY 2021. He gave various statistics regarding publications (e.g. days to first decision, impact factor), and discussed POMA and special issues.

Miscellaneous items included (a) the Computational Acoustics Technical Specialty Group, (b) the question of ASA and government relations, (c) live streaming of technical sessions and remote presentations in lieu of no shows, (d) interaction with industry, (e) withdrawn papers policy, (f) photography policy and enforcement, (g) funds for research and travel, (h) membership, (i) public relations (Laura Kloeppe), (j) OAlib moving to WHOI, (k), the number of meetings that should be held, and (l) the idea of combining TCUW and TCAO. There was much discussion regarding the last item. The consensus was to continue discussing the topic.

The meeting was officially adjourned by the chair at 9:00 pm.