

June 7, 2002

**ACOUSTICAL OCEANOGRAPHY
and
UNDERWATER ACOUSTICS**

SPECIAL SESSIONS: NASHVILLE, SPRING 2003

MEETING	TITLE	ORGANIZER(S)	DESCRIPTION	SPONSORING COMMITTEE(S)
Nashville	Bioacoustic resonance spectroscopy	Orest Diachok	Backscattering and absorptivity at resonance frequencies of the swim bladders of fish, lungs of marine mammals, and air chambers of plankton and other marine life.	AO (lead) UW (co-sponsor)
Nashville	Geoacoustic inversion	Peter Gerstoft	General inversion techniques to characterize the bottom geoacoustic environment.	AO (lead) UW (co-sponsor) SP (co-sponsor)
Nashville	High frequency sediment acoustics and associated sediment properties and processes	Eric Thorsos	High frequency (> 1 kHz) acoustic measurements and modeling of penetration into, scattering from, and propagation within the sea floor; measurement and prediction of the spatial and temporal properties of the sea floor, and relation to controlling environmental processes; applications that involve the acoustic processes.	UW (lead) AO (co-sponsor)
Nashville	Memorial session for Fred Tappert	David Palmer		UW (lead) PA (co-sponsor)
Nashville	Robust passive sonar	Lisa Zurk		UW (lead) SP (co-sponsor) EA (co-sponsor)

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