

## PUBLICATIONS LIST of the UME for AUV

1. Gamidov R., Çetintaş M., Sadikov E., Sautenkov V., **Diode Lasers With External Optical Feedback For Small Displacements**, Proceedings of CPEM 96, Braunschweig, Germany, 17-20 June 1996, pp. 126-127
2. R.Gamidov, E.Sadikhov, M.Çetintaş, **Optical Feedback in Diode Laser for Sound Pressure Measurement**, Proceedings of 3rd International Conference on Vibration Measurements by Laser Techniques, Ancona, Italy, SPIE Vol. 3411, pp.624-629, 1998
3. E.Sadikhov, E.Bilgiç, B.Karaböce, C.Kırbaş, **Investigation of Condenser Microphone Diaphragm Vibration**, Proceedings of Inter-noise 99 Conference, FORT-LAUDERDALE, 1999, pp.1485 - 1490
4. E.Bilgiç, B.Karaböce, S.Fank, E.Sadikoğlu, **Influence of Mechanical Vibration on Strain Gauge Based Force Transducer Performance**, Proceedings of IMEKO TC3-Conferece, Istanbul, Turkey, 2001, pp. 112-116
5. E.Bilgiç, E.Sadikoğlu, B.Karaböce, **Laser pistonphone as an alternative tool for microphone absolute calibration at low frequencies**, Proceedings of 5th International Conference on Vibration Measurements by Laser Techniques, June 2002, Ancona, Italy, SPIE Vol. 4827, pp. 74 - 79
6. E.Sadikoğlu, E.Bilgiç, B.Karaböce, **Realization and Dissemination of Linear Acceleration Unit at UME**, Proceedings of 5th International Conference on Vibration Measurements by Laser Techniques, June 2002, Ancona, Italy, SPIE Vol. 4827, pp. 288 – 292
7. E. Sadikoğlu, B. Karaböce, E. Bilgiç, C. Kırbaş, A.İzzet Turan, **Bilateral Comparison of Ultrasonic Power Standards Between UME and PTB**, Technical Report, 2003-ASL-001, 2003
8. E. Sadikoğlu, E. Bilgiç, B. Karaböce, **Laser Pistonphone Based On Self-Mixing Interferometry**, Applied Acoustics, vol. 65 (9), 2004, pp. 833 - 840
9. E. Sadikoğlu, E. Bilgiç, B. Karaböce, **Characterization of Commercial Type Vibration Exciters by Self-Mixing Interferometry**, Proceedings of 6th International Conference on Vibration Measurements by Laser Techniques, Ancona, Italy, SPIE Vol. 5503, pp.598 – 601, 2004
10. B.Karaböce, E. Sadikoğlu, E. Bilgiç, **Realization of National Ultrasonic Power Standard**, Proceedings of The 2005 International Congress and Exposition on Noise Control Engineering, Rio de Janeiro, Brazil, 07-10 August 2005, session UL2: Ultrasound
11. E.Sadikoğlu, C.Kırbaş, E.Bilgiç, B.Karaböce, A.İ.Turan, **Realization and Characterization of Omnidirectional Sound Sources**, Proceedings of The 2005 International Congress and Exposition on Noise Control Engineering, Rio de Janeiro, Brazil, 07-10 August 2005, session MT1: Metrology

12. C.Kırbaş,, E.Sadıkoğlu, E.Bilgiç, B.Karaböce, A.İ.Turan, Ş.Erkoç, **A Simplified Theoretical Approach to Condenser Microphone Behaviour**, Proceedings of 6th European Conference on Noise Control (Eurnoise 2006), 30 May - 1 June 2006, Tampere, Finland
13. E.Bilgiç, E.Sadıkoğlu, B.Karaböce, C.Kırbaş, A.İ.Turan, A. Çolak, **Low Frequency Calibration of Hydrophones by Self-mixing Interferometry at UME**, Proceedings of 7th International Conference on Vibration Measurements by Laser Techniques, 19-22 June 2006, Ancona, Italy
14. B.Karaböce, E.Sadıkoğlu, E.Bilgiç, C.Kırbaş, A.İ.Turan, A. Çolak, **Characterization of Piezoceramics Based Underwater Electroacoustical Transducers**, Proceedings of III International Workshop on Piezoelectrc Materials and Applications in Actuators, 18-21 June 2006, Eskişehir, Turkey, p.67