

GUM PUBLICATIONS on AUV (2022 – 2025)

Danuta Dobrowolska, Katarzyna Falińska Medical ultrasounds – new metrological capabilities of Mechanics and Acoustics Department, Metrologia I Probiernictwo, 2022, Volume 1 (in Polish) <https://www.gum.gov.pl/wye/content/archives-of-biuletyn-metrologi/volume-28/5287,Medical-ultrasounds-new-metrological-capabilities-of-Mechanics-and-Acoustics-Dep.html>

P. Tworogowski Determination of frequency response of working standard using national standard of vibration in Central Office of Measures using laser interferometry method. IX International Conference Metrology in Manufacturing Techniques. Kielce 2022

A. Młyńska, D. Dobrowolska International key comparisons in the field of acoustics and their impact on the accuracy and reliability of measurements of the quantities characterizing noise. 19th International Conference on Noise Control 2022

P. Tworogowski Calibration of vibration measuring instruments using secondary methods in Central Office of Measures. 52th Winter School on Environmental Acoustics and Vibroacoustics. Szczyrk 2023

R Nel, H Potgieter, D Dobrowolska, A Młyńska, H A Shawky, A Maina and K Ojasalo AFRIMETS.AUV.A-S2 final report, calibration of a multi-function acoustic calibrator. 2023 Metrologia 60

Dominique Rodrigues, Erling Sandermann Olsen, Osvaldo Llamas, Danuta Dobrowolska, Zemar M Defilippo Soares, Wan-Ho Cho, Christian Hof, Chris Thomas, Laurence Dickinson, Keisuke Yamada Final report on the key comparison CCAUV.A-K6. 2023 Metrologia 60

K. Falińska GUM ultrasound instrumentation and measurement capabilities (in Polish: Aparatura i możliwości pomiarowe GUM w dziedzinie ultradźwięków). Konferencja Inżynierii i Akustyki Biomedycznej. Zakopane 2024

A. Młyńska Problems of low noise microphones calibration. LXX Open Seminar on Acoustics. Pułtusk 2024

K. Falińska Ultrasound hydrophones (in Polish: Hydrofony ultradźwiękowe). Konferencja Inżynierii i Akustyki Biomedycznej. Zakopane 2025

A. Młyńska Analysis of the frequency response of microphones and its variation over time. LXXI Open Semina on Acoustics, Szczyrk 2025