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Peer Review Journal Publications

1. N. Brown, E. Jaatinen, H.Suh, E. Howick, G. Xu, C.S.Veldman and J-M Chartier, International comparison of HeNe lasers stabilized with $^{127}I_2$ at $\lambda \approx 633$ nm. Part V, Metrologia, 2000, 37, 107-113.
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3. Report on key comparison CCAUV.A-K1, Metrologia, 2003, 40, Tech. Suppl., 09002
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5. Moodley S.S., van den Berg W. and Veldman C.S., Improving the Mechanical Stability of a Standard Capacitor, IEEE Transactions on Instrumentation and Measurement, April 2003, vol 52.
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17. Sun Qiao , Ian Veldman, et al: Final report of CCAUV.V-K3: key comparison in the field

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18. Ian Veldman: Performing accelerometer calibration using homodyne laser interferometry with displacements smaller than a quarter wavelength, ACTA IMEKO, Vol 6, No 4 (2017).
19. C.S. Veldman, Establishing primary shock sensitivity capabilities at NMISA, Peer reviewed manuscript Test and Measurement 2018 Conference and Workshop.
20. M.K Mutloatse, A. Karsten, C.S Veldman, “Evaluation of site vibrations for AUV laboratory according to vibration criteria”, Peer reviewed manuscript Test and Measurement 2018 Conference and Workshop.

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2. Veldman C.S., A Novel Implementation of the Sine-Approximation Method for Primary Vibration calibration by laser interferometry, SPIE vol 4827.
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4. Veldman C.S., Low Frequency Absolute Vibration Standard.
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4. Making sense out of sensor calibration, Electron, January 2004.
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10. Accelerometer transverse sensitivity measurement system, Engineering IT, 2012.