

LNE recent publications and communications

Acoustic

P. Vincent, F. Larssonier, D. Rodrigues, S. Durand. Analytical modelling and characterisation of an infrasound generator in the air. *Applied Acoustics*, Volume 148, May 2019, Pages 476-483.

P. Vincent, D. Rodrigues, F. Larssonier, C. Guianvarc'h, S. Durand. Acoustic transfer admittance of cylindrical cavities in infrasonic frequency range. *Metrologia*, Volume 56, Number 1. Published 30 November 2018.

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Patrick Cellard, Håkan Andersson, Spyros Brezas and Volker Wittstock. Automatic sound field sampling mechanisms to disseminate the unit watt in airborne sound. *Internoise 2016*, Hamburg, August 21-24, 2016.

Spyros Brezas, Patrick Cellard, Håkan Andersson, Claudio Guglielmone, Cafer Kirbas: Dissemination of the unit Watt in airborne sound: aerodynamic reference sound sources as transfer standards. *Internoise 2016*, Hamburg, August 21-24, 2016.

C. Guianvarc'h, D. Rodrigues. Estimation des incertitudes sur un système de mesure : mise en oeuvre d'une méthode de Monte Carlo appliquée à des exemples de dispositifs acoustiques. 2016 ; CFA2016 ; 11-15 avril , Le Mans.

C. Guianvarc'h, L. Risegari L, P. Honzik P, N. Joly, S. Durand, D. Rodrigues, R. Gavioso, M. Bruneau. Transducers in acoustic gas thermometry characterisation at low temperatures. *Tempmeko* ; 26 juin-1 juillet ; Zakopane, Pologne

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C. Guianvarc'H, D. Rodrigues. Estimation des incertitudes sur un système de mesure : mise en œuvre d'une méthode de Monte Carlo appliquée à des exemples de dispositifs acoustiques. CFA2016, 11-15 avril 2016, Le Mans.

D. Rodrigues, T. Lavergne, E. Sandermann Olsen, T. Fedtke, R. Barham, J.-N. Durocher. Methodology of Designing an Occluded Ear Simulator. *Acta Acustica united with Acustica*, volume 101 (5), pp 1007-1015, 2015.

F. Monsef, A. Cozza, D. Rodrigues, P. Cellard, J.-N. Durocher. Relative variance of the mean-squared pressure in multimode media: Rehabilitating former approaches. *JASA*, volume 136 (5), pp 2621-2629, 2014.

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D. Rodrigues, T. Lavergne, T. Fedke, E. Sandermann Olsen, R. Barham, J.-N. Durocher. Methodology of designing an ear simulator. Internoise, Innsbruck, Austria, 15-18 September 2013.

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Vibration

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C.Bartoli, P.Averlant, C. de Waubert, « Reference vibration calibration equipment at LNE : influence of methods and exciters », XX Imeko congress, November 22-25, 2010, Pattaya, Thailand.

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