

Our groundbreaking research about wood porosity and its effect on acoustic propagation in cylindrical pipes has been recently published:

[Acoustic dissipation in wooden pipes of different species used in wind instrument making: an experimental study](#), **J. Acoust. Soc. Am.** **141 (4)**, April 2017, 2840-2848.

This study, jointly led in the Cité de la Musique / Philharmonie de Paris and the Institut Jean Le Rond d'Alembert in UPMC / Sorbonne Universités, introduces a simple method based on impedance measurements to estimate the attenuation factor in cylindrical pipes. It allowed us to compare different wood species commonly used in woodwind instrument making: African Blackwood, boxwood, pearwood and maple. We also investigated the influence of polishing on the acoustic dissipation inside the pipe.

Such results are of interest to both researchers' and makers' communities.

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