PUBLICATIONS

[1] - **Rostand Tayong** "*On the holes interaction and heterogeneity distribution effects on the acoustic properties of air-cavity backed perforated plates*", Applied Acoustics, Vol **74**, pp. 1492-1498, (2013).

[2] - **Rostand Tayong** "*Effects of unevenly distributed holes on the perforated plate sound absorption coefficient*", **N**oise **C**ontrol **E**ngineering **J**ournal, Vol **61 (6)**, pp. 541-552, (2013).

[3] - **Rostand Tayong**, Thomas Dupont and Philippe Leclaire "*Sound absorption of a micro-perforated plate backed by a porous material under high sound excitation: measurement and prediction*", **I**nternational **J**ournal of **E**ngineering & **T**echnology, Vol **2 (4)**, pp. 281-292, (2013).

[4] - **Rostand Tayong**, Thomas Dupont and Philippe Leclaire "*Experimental investigation of holes interaction effect on the sound absorption coefficient for micro-perforated panels under high and medium sound intensities*", Applied Acoustics, Vol **72**, pp. 777-784 (2011).

[5] - **Rostand Tayong**, Thomas Dupont and Philippe Leclaire "*On the variations of acoustic absorption peak with particle velocity in micro-perforated panels at high level of excitation*", **J**ournal of the **A**coustical **S**ociety of **A**merica, Vol **127** (5), pp. 2875-2882, (2010).

[6] - **Rostand Tayong**, Thomas Dupont, Marie-Annick Galland and Philippe Leclaire "*High sound pressure models for microperforated panels backed by an air cavity*", **J**ournal of the **A**coustical **S**ociety of **A**merica Vol **123** (5), pp. 3615, (2008).

[7] - **Rostand Tayong** and Jean-Pierre Hermand "*On the acoustic detection of flint blade in soft sediment*", Rio Acoustics 2013, MTS/IEEE, Rio de Janeiro, Brazil, July 2013.

[8] - Jean-Pierre Hermand and **Rostand Tayong** "*Geoacoustic characterization of Stone Age cultural layers: Preliminary FE modelling*" OCEANS'13 MTS/IEEE, Bergen, Norway, June 2013.

[9] - **Rostand Tayong** and Philippe Leclaire "*Holes interaction and heterogeneity distribution effects for a multi-perforated plate*" INTER-NOISE and NOISE-CON Congress and Conference Proceedings, InterNoise12, New York City NY, pages 7967-8958 , pp. 8809-8814(6), (2012).

[10] - **Rostand Tayong** and Philippe Leclaire "*Holes interaction and heterogeneity distribution effects for a multi-perforated plate*", *Proceedings* of *Euro-noise*, Prague, Czech Republic, (2012).

[11] - **Rostand Tayong** and Philippe Leclaire "*Absorption coefficient of perforated plates backed by a porous material under high sound excitation: The holes interaction effect*", 3rd Symposium on the Acoustics of Poro-Elastic Materials (SAPEM) Ferrara (Italy) 2011.

[12] - **Rostand Tayong**, Thomas Dupont and Philippe Leclaire "*On the variations of acoustic absorption peak with particle velocity in micro-perforated panels at high level of excitation*", International Conference on Noise and Vibration Engineering (ISMA) Leuven (Belgium) 2010.

[13] - **Rostand Tayong**, Thomas Dupont, Marie-Annick Galland and Philippe Leclaire "*High sound pressure models for micro-perforated panels (MPP) backed by an air cavity*", 155th International Meeting of the Acoustical Society of America. Paris 2008.

[14] - **Rostand Tayong** and Philippe Leclaire "*On the measurement and prediction of the sound absorption coefficient of air-cavity backed perforated plates considering the holes interaction effect under low sound excitation*" **11th French Congress of Acoustics** Nantes, April 2012.

[15] - **Rostand Tayong**, Thomas Dupont and Philippe Leclaire "*Sound absorption coefficient of a porous material covered with a low open area perforated plate under high sound excitation*" **11th French Congress of Acoustics** Nantes, April 2012.

[16] - **Rostand Tayong** and Philippe Leclaire "*Hole Interaction Effects under high and medium sound intensities for micro-perforated panels design*" **10th French Congress of Acoustics** Lyon, April 2010.

[17] - **Rostand Tayong**, Thomas Dupont, Marie-Annick Galland and Philippe Leclaire "*High sound pressure models for micro-perforated panels (MPP) backed by an air cavity*" **9th French Congress of Acoustics** Paris, June 2008.