

LIST OF PUBLICATIONS OF CORRADO SCHENONE LAST FIVE YEARS

- C. Schenone (in collaboration with I. Pittaluga, I. Delponte), 2013, Develop, implementation and monitoring of the Sustainable Energy Action Plan of the Municipality of Genoa. Proceedings of 31st UIT Conference, Como (Italy), 25-27 June 2013.
- C. Schenone (in collaboration with D. Borelli I. Pittaluga), 2013, Experimental study on sound absorbing performance of rubber crumb. PROCEEDINGS OF MEETINGS ON ACOUSTICS, vol. 19, p. 1-9, ISSN: 1939-800X, doi: 10.1121/1.4800428
- C. Schenone (in collaboration with D. Borelli I. Pittaluga), 2013, Analysis of sound absorption behaviour of polyester fibre material faced with perforated panels. PROCEEDINGS OF MEETINGS ON ACOUSTICS, vol. 19, p. 1-9, ISSN: 1939-800X, doi: 10.1121/1.4799887
- C. Schenone (in collaboration with A. Badino), "Analysis of dose-effect relations for noise annoyance and sleep disturbance in an urban area of Genoa", Proceedings of AIA-DAGA Joint Conference, Merano (Italy), 18-21 March 2013.
- C. Schenone (in collaboration with A. Badino, D. Borelli T. Gaggero, E. Rizzuto), "The EU research effort towards the control of noise emissions from ships: the SILENV Project (7FP)", Proceedings of AIA-DAGA Joint Conference, Merano (Italy), 18-21 Marzo 2013.
- C. Schenone, "Numerical Modeling of Environmental Noise", key-note presented at the ACTEA Conference 2012, Louaize (Lebanon), December 12-15, 2012.
- C. Schenone (in collaboration with A. Badino, D. Borelli T. Gaggero, E. Rizzuto), "Normative framework for Ship Noise: Present Situation and Future Trends", Noise Control Engineering Journal, Vol. 60 , Number 6, Nov-Dec 2012.
- C. Schenone (in collaboration with I. Pittaluga and G. Mangili), "Analisi e controllo del rumore ambientale nell'area del centro storico di Genova, Atti della V giornata di studio sull'Acustica Ambientale, 19 Ottobre 2012, Arenzano (*in Italian*).
- C. Schenone (in collaboration with A. Badino, D. Borelli T. Gaggero, E. Rizzuto), "Modelling the Outdoor Noise Propagation for Different Ship Types", Proceedings of NAV2012, the 17th International Conference on Ships and Shipping Research, Napoli, 17-19 October 2012.
- C. Schenone (in collaboration with A. Badino, D. Borelli T. Gaggero, E. Rizzuto), "Control of Airborne Noise Emissions from Ships", Proceedings of MARNAV2012, INTERNATIONAL CONFERENCE ON ADVANCES AND CHALLENGES IN MARINE NOISE AND VIBRATION, Glasgow (UK), 5-7 September 2012. ISBN: 9780947649906.
- C. Schenone (in collaboration with A. Badino, M. Ascigil-Dincer, S. Yilmaz), "Applicability of road traffic dose-effect relations to Turkish urban context", Proceedings of INTERNOISE 2012, New York City, 19-22 August 2012

[C. Schenone (in collaboration with A. Badino), "Analysis of the outdoor noise propagation from a multipurpose ship berthed near an urban residential area" Proceedings of INTERNOISE 2012, New York City, 19-22 August 2012.

C. Schenone (in collaboration with F. Asdrubali, S. Schiavoni, F. d'Alessandro, C. Schenone, I. Pittaluga), "Innovative aspects in noise mapping and dissemination activities within LIFE+", Proceedings of the 19th International Congress on Sound and Vibration (ICSV19). Vilnius (Lt), 8 July 2012, Paper 264, ISBN: 9786094590801.

C. Schenone (in collaboration with I. Pittaluga and G. Mangili), "Analysis and Control of Rrecreational Noise in the historical center of Genova, Italy" Proceedings of the 19th International Congress on Sound and Vibration (ICSV19). Vilnius (Lt), 8 July 2012, Paper 507, ISBN: 9786094590801

C. Schenone (in collaboration with D. Borelli), "Numerical analysis for the improvement of a special reverberation test room", Proceedings of the 19th International Congress on Sound and Vibration (ICSV19). Vilnius (Lt), 8 July 2012, Paper 532, ISBN: 9786094590801

C. Schenone (in collaboration with D. Borelli), "A Finite Element Model to Predict Sound Attenuation in Lined Ducts and Dissipative Silencers, HVAC&R RESEARCH, vol. 18(3), p. 390-405, ISSN:1078-9669, doi: 10.1080/10789669.2012.641804 , 2012

C. Schenone (in collaboration with A. Badino, D. Borelli, T. Gaggero, E. Rizzuto), "Noise emitted from ships: impact inside and outside the vessels", PROCEDIA: SOCIAL & BEHAVIORAL SCIENCES, vol. 48, p. 868-879, ISSN: 1877-0428, doi: 10.1016/j.sbspro.2012.06.1064 , 2012.

C. Schenone (in collaboration with I. Pittaluga and D. Borelli), "Sound absorption of different green roof systems". Proceedings of Meetings on Acoustics, vol. 14, p. 1-13, ISSN: 1939-800X, doi: 10.1121/1.3685875, 2012.

C. Schenone (in collaboration with D. Borelli), "Effect of perforated facing on sound absorption of polyester fibre material", Symposium on the Acoustics of Poro-elastic Materials, December 14-16 2011, Ferrara. (Italy).

C. Schenone (in collaboration with R. Bartolini, D. Borelli), "Flow Resistance and sound absorption of Polyester fibRe material with different coatings", Symposium on the Acoustics of Poro-elastic Materials, December 14-16 2011, Ferrara. (Italy).

C. Schenone (in collaboration with D. Borelli and I. Pittaluga), "Theoretical and numerical modelling of a parallel-baffle rectangular duct", 162nd Meeting of the Acoustical Society of America, San Diego, CA, 31 Oct-4 Nov. 2011.

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C. Schenone (in collaboration with A. Badino, D. Borelli, T. Gaggero, E. Rizzuto), "Acoustic impact of ships: noise-related needs, quantification and justification", in *Sustainable Maritime Transportation and Exploitation of Sea Resources*, vol. 2, pp. 961-969. Rizzuto E. & Guedes Soares, C. (eds.), Leiden: CRC Press/Balkema, 2011.

C. Schenone (in collaboration with A. Badino, D. Borelli, T. Gaggero, E. Rizzuto), "Normative framework for noise emissions from ships: present situation and future trends", in *Advances in Marine Structures*, pp. 593-602. Guedes Soares, C. & Fricke, W. (eds.), Leiden: CRC Press/Balkema, 2011.

C. Schenone (in collaboration with Aglaia Badino and Lorenza Tomasoni), "Managing the environmental sustainability of ports: noise pollution", in *Environmental Management and Technologies*, pp. 305-320. Sievers M., Tawabini, B.S., Al-shariff M.M. (eds) AIAtheen Press, Amman (Jordan), 1-3 November 2010.

C. Schenone (in collaboration with Ilaria Pittaluga), "Assorbimento sonoro di coperture verdi di diversa configurazione", *Atti del 51° Congresso ATI*, Paper 01_272, Domus de Maria (Ca), 13-17 Settembre 2010 (*in Italian*).

C. Schenone (in collaboration with Cecilia Maggi, Grazia Mangili, Eliana Botti) Intervento di bonifica acustica su tipologia di "Area vasta - Genova Sampierdarena": problematiche acustiche e soluzioni strategiche, *Atti del 37° Convegno Nazionale AIA*, Siracusa, 26-28 maggio 2010 (*in Italian*).

C. Schenone (in collaboration with Ruggero Bartolini; Samuel Filippozzi; Elisabetta Princi; Silvia Vicini), "Acoustic and mechanical properties of expanded clay granulates consolidated by epoxy resin", *Applied Clay Science* Vol. 48, Issue 3, Apr.2010, pp 460-465.

C. Schenone (in collaboration with I. Pittaluga, A. Palla, L. G. Lanza), "Le prestazioni acustiche del verde pensile: assorbimento sonoro di coperture di diversa configurazione", *Atti del Convegno "2ª Giornata di studio sull'acustica ambientale"*, Arenzano (Ge), 30 Ottobre 2009 (*in Italian*)

C. Schenone (in collaboration with D. Borelli), "Analysis of Sound Propagation in Lined Ducts by means of a Finite Element Model", *Proceedings of International COMSOL Conference 2009*, Milano, 14-16 Ottobre 2009.