

Production scientifique

Communications dans des colloques internationaux avec actes

- **C. Soussi**, M. Aucejo, W. Larbi, J.-F. Deü. Numerical analyses of the sound transmission through double-glazing system at low frequencies. *MEDYNA 2020: 3rd EuroMediterranean Conference on Structural Dynamics and Vibroacoustics*, Napoli, Italy, February 17-19, 2020.
- **C. Soussi**, M. Aucejo, W. Larbi, J.-F. Deü. Sound transmission through double-glazed window: Numerical and experimental analyses. Proceedings of the *23rd International Congress on Acoustics, ICA 2019*, integrating the *4th EAA Euroregio 2019*, Aachen, Germany, September 9-13, 2019.
- **C. Soussi**, W. Larbi, J.-F. Deü. Sound transmission loss through double glazing windows in low frequency range: Comparison between finite element and experimental results. Proceedings of the *XVIII International Symposium on Dynamic Problems of Mechanics, DINAME 2019*, Armação de Búzios, Brazil, March 10-15, 2019.
- W. Larbi, **C. Soussi**, J.-F. Deü. Experimental and numerical investigations of sound transmission through a double-glazed window. The *4th International Conference on Mechanics of Composites, MECHCOMP 2018*, Madrid, Spain, July 9-12, 2018.
- **C. Soussi**, W. Larbi, J.-F. Deü. Experimental and numerical analysis of sound transmission loss through double glazing windows. Proceedings of the *2nd International Conference on Acoustics and Vibration, ICAV'2018*, Hammamet, Tunisia, March 19-21, 2018.

Communications dans des colloques internationaux

- **C. Soussi**, O. Fouché, G. Bracq, S. Minec, E. Hamdi. Tunnels, a New Potential Source of Energy: 3D Modeling of a Heat Exchanger within Tunnel Lining. Proceedings of the *2016 COMSOL Conference*, Munich, Germany, October 12-14, 2016.

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- **C. Soussi**, O. Fouché, G. Bracq, S. Minec, E. Hamdi. Tunnels, a new potential for sensible heat storage in rock- 3D numerical modeling of a reversible exchanger within tunnel lining. Proceedings of the *43rd IAH International Congress "Groundwater and society: 60 years of IAH"*, Montpellier, France, September 25-29, 2016.

Reuves internationales avec comité de lecture

- **C. Soussi**, M. Aucejo, W. Larbi, J.-F. Deü. Numerical analyses of the sound transmission at low frequencies of a calibrated Insulating Glazing Unit. *Applied Acoustics*, 179, 108065. 2021.
- **C. Soussi**, M. Aucejo, W. Larbi, J.-F. Deü. Numerical analyses of the sound transmission at low frequencies of a calibrated domestic wooden window. *Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science*. 2021.