

- [1] Jerman M., Medved' I., Maděra J., Kočí V., Černý R.: Effect of moisture variations on damage cumulation in surface layers of building structures. AIP Conference Proceedings 1978 (2018) pp. 080005.
- [2] Medved' I., Černý R.: Varying coefficients of diffusion of $^{133}\text{Ba}^{2+}$ and $^{137}\text{Cs}^{+}$ in granite. AIP Conference Proceedings 1978 (2018) pp. 080007.
- [3] Petříková M., Fiala L., Medved' I., Černý R.: Hygro-thermo-electrical modeling of transport phenomena in aluminosilicate composites. AIP Conference Proceedings 1978 (2018) pp. 080006.
- [4] Medved' I., Trník A.: Behavior of a PCM at Varying Heating Rates: Experimental and Theoretical Study with an Aim at Temperature Moderation in Radionuclide Concrete Encasements. International Journal of Thermophys (2018) pp. 39-83.
- [5] Kobetičová K., Medved' I., Keppert M., Černý R.: Measurement and modelling of calcium diffusion in a sandstone. AIP Conference Proceedings 1988 (2018) pp. 020019.
- [6] Medved' I., Trník A.: Theoretical profile for heat capacity peaks of phase-change materials. AIP Conference Proceedings 1988 (2018) pp. 020031.
- [7] Trník A., Matiašovský P., Medved' I.: AIP Publishing (Conference Proceedings) 1988 (2018).
- [8] Pavlendová G., Lukovičová J., Šujanová P.: Historical Building Deteriorating Safety Risks and Electroosmosis Dewatering. Technyczne i materialne aspekty bezpieczeństwa. Czestochowa Redakcja Naukowa (2017) pp. 128-155.
- [9] Pavlendová A., Pavlendová G., Šujanová J., Nováková R.: New Perspectives of the Application of Wood Based Building Materials. 11th International Scientific Conference WoodEMA 2018 Increasing the Use of Wood in the Global Bio-Economy, Beograd, Republic of Serbia (2018) pp. 334-341.
- [10] Pavlendová G., Boháč V., Šín P.: Testing Thermophysical and Mechanical Properties of Cement Based Composites With Plastic and Horse Manure. In Construmat 2018. IOP Conf. Series: Materials Science and Engineering 385 (2018) 012041.
- [11] Urbán D., Roozen N.B., Muellner H., Zat'ko P., Niemczanowski A., Rychtáriková M., Glorieux Ch.: Vibrometry Assessment of the External Thermal Composite Insulation Systems Influence on the Façade Airborne Sound Insulation. Applied Sciences 8 (2018) 703.
- [12] Roozen N. B., Leclere Q., Urbán D., Kritly L., Glorieux, C.: Assessment of the sound reduction index of building elements by near field excitation through an array of loudspeakers and structural response measurements by laser Doppler vibrometry. Applied Acoustics 140 (2018) 225–235.
- [13] Roozen N.B., Leclre Q., Urbán D., Méndez Echenagucia T., Block P., Rychtáriková M., Glorieux C.: Assessment of the airborne sound insulation from mobility vibration

measurements; a hybrid experimental numerical approach. *Journal of Sound and Vibration* 432 (2018) 680–698.

[14] Urbán D, Zaťko P., Roozen N. B., Muellner H., Glorieux C.: On the uncertainty of dynamic stiffness measurements. On the uncertainty of dynamic stiffness measurements. DAGA 2018 conference proceedings. Fortschritte der Akustik - DAGA 2018 44. Deutsche Jahrestagung für Akustik, 19.-22. März 2018 in München. pp. 1411-1414.

[15] Roozen N. B., Zaťko P., Urbán D., Niemczanowski A., Muellner H.: An Experimental Study Into The Airborne Sound Transmission Through A Partition Wall In Buildings Via Structural Transmissions Of Window Profiles: A Case Study. *Euronoise 2018*: Madrid: European Acoustics Association, 2018. pp. 653-658.

[16] Urbán D., Roozen N. B., Muellner H., Glorieux, Ch.: Influence Of The Dynamic Stiffness Of External Thermal Insulation On The Sound Insulation Of Walls. *Euronoise 2018*: Madrid: European Acoustics Association, 2018. pp. 1521-1524.

[17] Kaššáková M., Urbán D., Zelem L., Chmelík V., Vargová A., Rychtáriková M.: Acoustic comfort in restaurant I. Prediction of background noise in a restaurant integrated in a large shopping center. *Euronoise 2018*: Madrid: European Acoustics Association, 2018. pp. 1971-1974.

[18] Urbán D: Sound reduction index decrease due to ETICS prediction. 97. Akustický seminář. ČVUT v Praze a ČsAS, Október 2018. pp. 13- 19.

[19] Petošić A., Franček P., Štrbac M., Zaťko P., Urbán D., Szabó D.: Measurement uncertainty in the field of environmental noise and building acoustic measurements: experience from Interlaboratory comparisons. The 8th Congress of the Alps Adria Acoustics Association - Conference Proceedings. Zagreb, Croatia, Acoustical Society of Croatia (ASC), 2018. pp. 118-133.

[20] Urbán D., Roozen N. B., Rychtáriková, M.: The discussion on sound insulation performance of façades in Slovakia. The 8th Congress of the Alps Adria Acoustics Association – Conference Proceedings. Zagreb, Croatia, Acoustical Society of Croatia (ASC), 2018. pp. 40-43.

[21] Urbán D., Hátáš D., Rafajdus P., Daubnerová A., Ledererová M.: Composite Material Sound Absorption Determination By Means Of Standing Wave Tube Measurement. Book of proceedings from 6th Conference on on Building Physics and Applied Technology in Architecture and Building Structures. Leuven, Katholieke Universiteit Leuven, Laboratory of Soft Matter and Biophysics, 2018. pp. 188-192.

[22] Rychtáriková M. - Chmelík V. - Urbán D.: Nové trendy v stavebnej a priestorovej akustike. *Eurostav* (2018) 7-8, ISSN 1335-1249.

[23] Rychtáriková M., Urbán D., Chmelík V., Vargová A.: Redukcia uličnej hlučnosti vplyvom adaptívnych kinetických fasád. XIX. dopravně – inženýrské dny, Mikulov, 2018.