

LISTA PUBLICAȚIILOR REZULTATE ÎN URMA CERCETĂRII DOCTORALE, PUBLICATE SAU ACCEPTATE SPRE PUBLICARE, SUB AFILIERE UPT

Ing. Andra-Daniela VIAȘU student doctorand

1. Lucrări științifice publicate în reviste indexate Web of Science-WoS (ISI)

1. Floricel, A, Zagari, G, Ungureanu, V and Ciutina, A. Structural solutions based on intensive use of steel for over-roofing of existing precast concrete panel buildings. *Advances in Structural Engineering Journal*, DOI: 10.1177/1369433216653507, 2016.(factor de impact 0.557), Volume:19 Issue: 12 Pages: 1940-1948 Published: DEC 2016.

2. Lucrări științifice publicate în volumele unor manifestări științifice (Proceedings) indexate Web of Science-WoS (ISI) Proceedings

1. Floricel, A, Ungureanu, V, Georgescu, M. Lightweight steel intensive solutions for over-roofing of existing residential buildings. In Paulo J. da Sousa Cruz (ed.), *Proc. of 3rd International Conference on Structures and Architecture-ICSA2016*, Guimaraes, Portugal, July 27-29, 2016, 1239-1247, DOI:10.1201/b20891-172. London: CRC Press (in curs de indexare).

2. Floricel, A., Benzar, S., Zagari, G. & Ungureanu, V. Steel column-base solutions for over-roofing of existing buildings. A numerical study. In Jakub Marcinowski (ed.), *Proc. of XIII International Conference on Metal Structures – ICMS2016*, Zielona Gora, Poland, 15-17 June 2016, 463-470, DOI:10.1201/b21417-64. London: CRC Press.

3. Georgescu M., Ungureanu V., Marsavina L., Floricel A., Gruin A. Composite roofing of PIR sandwich panels: numerical and experimental approach, In D. Zhang (ed.), *Proc. Of IOP Conference Series: Materials Science and Engineering*, vol. 471/2018, DOI:10.1088/1757-899X/471/5/052092

4. Georgescu M., Ungureanu V., Marsavina L., Floricel A., Gruin A. Building Cladding using Liner Trays: Experimental and Numerical Approach, *Proc. Of IOP Conf. Series: Materials Science and Engineering*, 2019, 603(2), 022051, DOI: 10.1088/1757-899X/603/2/022051

3. Lucrări științifice publicate în reviste de specialitate indexate BDI (cu specificarea BDI)

1. Floricel, A., Zagari, G. & Ungureanu, V. Numerical analysis of thin-walled cold-formed steel column-base over-roofing solutions. In Ioan Vasile Abrudan (ed.). *Bulletin of the Transilvania University of Brașov - Vol. 8(57), Series I, Special Issue No. 1, 75-83.*

2. Floricel, A., Zagari, G. & Ungureanu, V. Numerical Modelling of Column-Base Connection Solutions for Steel Over-Roofing Systems. In Cosmin G. Chiorean (ed.), in *Acta Technica Napocensis: Civil Engineering & Architecture*, Vol. 58 No. 3 (2015), 24-31, paper no.:ATNCivEngArch-SI-15-021.

4. Lucrări științifice publicate în volumele unor manifestări științifice (Proceedings) indexate BDI (cu specificarea BDI)

1. Floricel, A, Ungureanu, V, Ciutina, A. Complete retrofitting solutions of precast concrete panel buildings using lightweight steel systems. In Bakker Jaap Frangopol Dan M. Breugel Klaas van (ed.), *Proc. of The Fifth International Symposium on Life -Cycle Civil Engineering, IALCCE2016*, October 16-19, 2016. *Life-Cycle of Engineering Systems Emphasis on Sustainable Civil Infrastructure*, 175–175, DOI: 10.1201/9781315375175-121, Print ISBN: 978-1-138-02847-0, eBook ISBN: 978-1-4987-7701-8, Taylor & Francis Group, 6000 Broken Sound Parkway NW, Suite 300, Boca Raton, FL 33487-2742: CRC Press.

2. Floricel, A, Ungureanu, V, and Ciutina A. 2016. Behaviour of over-roofing structures with semi-rigid column-base connections. In D. Dubina, V. Ungureanu (eds.), *Stability and Ductility of Steel Structures - SDSS 2016*, *Proc. of the International Colloquium*, Timisoara, Romania, May 31- June 1 2016, 189-196. Timisoara: Wiley, Ernst & Sohn. ECCS – European Convention for Constructional Steelwork. (Scopus).

3. Ungureanu, V, Kotelko, M, Grudziecki, J, Floricel, A and Dubina, D. 2016. Plastic behaviour of thin-walled cold-formed steel members under eccentric compression. In D. Dubina, V. Ungureanu (eds.), *Stability and Ductility of Steel Structures - SDSS 2016*, *Proc. of the International Colloquium*, Timisoara, Romania, May 31-

June 1 2016, 427-435. Timisoara: Wiley, Ernst & Sohn ECCS – European Convention for Constructional Steelwork. (Scopus).

4. Floricel, A., Zagari, G. & Ungureanu, V. Solutions for Column-Base Connections for Steel Over-roofing systems. Numerical investigations. Proc. of Eighth International Conference on ADVANCES IN STEEL STRUCTURES, Lisbon, Portugal, July 22-24, 2015. (Google Scholar)

5. Mircea Georgescu, Viorel Ungureanu, Aurelian Gruin, Andra Floricel. Experimental and theoretical investigation on the local collapse of liner trays. EUROSTEEL 2017, September 13–15, 2017, Copenhagen, Denmark (accepted for presentation and publication).

5. Lucrări științifice publicate în volumele unor manifestări științifice internaționale (Proceedings) din străinătate

1. Floricel A, Vataman A, Ungureanu V, et al. Structural Solutions based on intensive use of steel for overcladding of existing large precast concrete panel buildings. In: Proceedings of the 11th International Congress on Advances in Civil Engineering, Istanbul, 21-25 October, 2014 Paper no. 1738, Session STS-2, pp. 309 +USB.

2. Floricel, A, Ungureanu, V. Overcladding of Existing Large Precast Concrete Panel Buildings Using Steel - Bauhaus Summer School in Forecast Engineering: Global climate change and the challenge for built environment, 17-29 August 2014, Weimar, Germany. https://www.uni-weimar.de/summerschool/fileadmin/media/FE_Paper/FloricelAndra_FE2014vers2.pdf

6. Lucrări științifice publicate în volumele unor manifestări științifice

1. Floricel, A, Ungureanu, V. Supraetajarea clădirilor multietajate din panouri mari prefabricate din beton armat cu structuri metalice ușoare. "Construieste cu STEEL" A 14-A CONFERINTA NATIONALA DE CONSTRUCTII METALICE 19-20 Noiembrie 2015, Cluj-Napoca, Romania.

2. Floricel, A., Zagari, G. & Ungureanu, V. Numerical Modelling of Column-Base Connection Solutions for Steel Over-Roofing Systems. In Cosmin G. Chiorean (ed.), Proceedings of the 2nd International Conference for PhD students in Civil Engineering and Architecture, CE-PhD 2014, 10-13 December 2014, Cluj-Napoca, Romania, 213-221. Cluj-Napoca: U.T.PRESS.

3. Floricel, A, Vataman, A, Botici, A, Ungureanu, V, Ciutina, A. Soluții structurale metalice pentru mansardarea clădirilor de locuit din panouri mari prefabricate din beton armat. În cadrul celei de-a XXIV-a Conferințe Naționale A.I.C.P.S, București, 23-24.05.2014- revista cotata CNCSIS.

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