



**LISTA LUCRĂRILOR**  
 științifice elaborate de către  
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**LUCRĂRI ȘTIINȚIFICE**

Lucrări apărute în volum editat cu ocazia unor manifestări științifice (conferințe, simpozioane, etc.) sau în reviste de specialitate.

1. Al. Cătărig, Aliz Mathe, **Ilinca-Florina Moldovan**, Adina Lăpuște - General concepts in the optimal design of structures.  
Acta Technica Napocensis: Civil Engineering&Arhitecture Vol. 52 (2009), ISSN: 1221-5848, pp. 49-56.
2. Nicolae Socaciu, Tudor Petrina, Radu Hulea, **Ilinca-Florina Moldovan**, Roxana Vidrean, Cristian Mojolic - Conceptual solutions for the resistance of the stadium roof.  
15<sup>th</sup> Building Services, Mechanical and Building Industry Days, 01/2009 ISBN 978-963-473-315-7 Debrecen, Hungary.
3. Aliz Mathe, Al. Cătărig, **Ilinca-Florina Moldovan** - Statics and kinematics of semirigid steel frames under seismic action.  
Journal of Applied Engineering Sciences ISSN: 2247-3769 / e-ISSN:2284-7197, Vol. 5(18), ISSUE 2/2015, art. 192, pp.59-64, 2015 Oradea.
4. **Ilinca-Florina Moldovan**, Aliz Mathe - A study on a two-way post-tensioned concrete waffle slab .  
9th International Conference Interdisciplinarity in Engineering, INTER-ENG 2015, 8-9 October 2015, Târgu-Mureș, Romania, ISSN:2212-0173, Vol. 22, pp. 227-234.
5. Zsolt Nagy, Aliz Mathe, **Ilinca-Florina Moldovan**, Botond Zakarias - Incursiune privind performanțele structurale ale panourilor sandwich din piața românească.  
Construieste cu "Steel", Lucrările celei de-a XIV-a Conferințe Naționale de Construcții Metalice, ISBN 978-973-713-334-2, Cluj Napoca, 19-20 noiembrie 2015, pp. 371-390.
6. **Ilinca-Florina Moldovan**, Aliz Mathe, Al. Cătărig, Laura-Catinca Leția - Emphasis on prestress losses of a post-tensioned concrete waffle slab.  
15th edition National Technical-Scientific Conference on Modern Technologies for the 3rd Millennium, 27-28 November 2015, Oradea, Romania, ISBN 978-88-7587-724-8, Vol. 1/2016, pp. 141-146.
7. Aliz Mathe, **Ilinca-Florina Moldovan**, Al. Cătărig, Nicolae Chira - Assessment of passive seismic protection of steel structures.  
16th edition National Technical-Scientific Conference on Modern Technologies for the 3rd Millennium, 23-24 March 2017, Oradea, Romania, ISBN 978-88-87729-41-2, Vol. 1/2017, pp. 197-202.



8. **Ilinca-Florina Moldovan**, M. Nedelcu – Effect of fiber reinforced polymer sheets on web-shear capacity of hollow core slabs.

Buletinul Institutului Politehnic din Iasi, Universitatea Tehnica „Gheorghe Asachi” din Iasi, 23-24 March 2017, Vol. 64(68), Numarul 1/2018, pp. 55-64.

9. **Ilinca-Florina Moldovan**, Ș. M. Buru, M. Nedelcu – A numerical study on the shear behaviour of CFRP retrofitted precast hollow-core slabs.

C65 International Conference "Tradition and Innovation 65 Years of Constructions in Transylvania", 2018, Cluj-Napoca, Romania.

10. **Ilinca-Florina Moldovan**, Ș. M. Buru, M. Nedelcu – Nonlinear analysis of hollow-core slabs with and without FRP reinforcement.

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11. Aliz Mathe, **Ilinca-Florina Moldovan** – A study on the semi-rigidity of steel frames placed in seismic areas.

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12. **Ilinca-Florina Moldovan**, M. Nedelcu, B. Hegheș, H. Constantinescu, Ș. M. Buru – Experimental and finite element modelling of prestressed hollow-core slabs.

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13. **Ilinca-Florina Moldovan**, M. Nedelcu, Ș. M. Buru – Analysing the Performance of Hollow Core Slabs Strengthened with CFRP.

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Data

12.01.2022

Semnătura

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