

Universitatea Tehnică din Cluj-Napoca
Facultatea de Construcții
Departamentul Mecanica Construcțiilor

Asist. dr. ing. IOANA CRISTINA TOMĂSCU

Lucrări științifice publicate:

- *Analysis of solutions to rebuild the Aquila city, Italy, after the 2009 earthquake* – Bogdan Petrina, Claudiu N. Adam, **Ioana Mureșan** – Bulletin of the Institute of Jassy, Construction. Architecture Section, Tomme: LVII (LXI), Fascicle: 4, 2011, ISSN 1224-3884 (p), Published by Gheorghe Asachi Technical University of Jassy, Bd. D. Mangeron 67, 700050, Iași, România, www.tuiasi.ro (B+)
- *Seismic Isolating Systems. Classification, Properties and Utilization* – Bogdan Petrina, Ștefania Pașca, **Ioana Mureșan** – Bulletin of the Institute of Jassy, Construction. Architecture Section, Tomme: LVII (LXI), Fascicle: 3, 2011, ISSN 1224-3884 (p), Published by Gheorghe Asachi Technical University of Jassy, Bd. D. Mangeron 67, 700050, Iași, România, www.tuiasi.ro (B+)
- *Technology Execution of the City Stadium of Cluj-Napoca* – Petrina Tudor, Socaciu Nicolae, Domșa Julieta, **Mureșan Ioana**, Bucurenciu Claudia, Adam Claudiu – Journal of Applied Engineering Sciences, Civil Engineering and Installations Section, Volume 1 (14), Issue 3/2011, ISSN 2247-3769, Faculty of Constructions and Architecture, University of Oradea Publishing House, www.arhiconoradea.ro (B+)
- *Active, Semi-active and Hibrid Control Systems. Properties and Applications* – Petrina Bogdan, Pașca Ștefania, **Ioana Mureșan** – Acta tehnica Napocensis: Civil Engineering and Architecture, Vol. 54, No. 2 (2011), ISSN 1221-5848, Published by UTPRESS, 34 Observatorului Str., 400775 Cluj-Napoca, România, Journal homepage: <http://constructii.utcluj.ro/ActaCivilEng> (B+)
- *A Study on Plastic Analysis and Optimal Design of Structures* – **Ioana Cristina Mureșan** – 2nd International Scientific Meeting: STATE AND TRENDS OF CIVIL ENGINEERING – GTZ 2012, Tuzla, June 07-09, 2012, ISBN 978-9958-629-16-0, Published by Faculty of Mining, Geology and Civil Engineering and In scan d.o.o. Tuzla. (BDI)
- *Research on analysis and design philosophy of the connections in steel structures* – **Ioana C. Mureșan** – C60 International Conference, 7-9 November 2013, Cluj-Napoca, ROMANIA. “Tradition and Innovation – 60 Years of Civil Engineering Higher Education in Transilvania”, Proceedings of the C60 INTERNATIONAL CONFERENCE, UTPRESS, ISBN 978-973-662-903-7.
- *Finite Element Analysis of an Extended End-plate Connection Using the T-stub Approach* – **Ioana Cristina MUREȘAN**, Roxana BÂLC – AIP Conference Proceedings **1648**, 850091 (2015); doi: <http://dx.doi.org/10.1063/1.4913146>



- *Analiza Comportării Îmbinărilor Grindă-stâlp cu Placă de Capăt Extinsă. Numeric vs. Experimental.* – **Ioana Cristina MUREȘAN**, Tudor PETRINA, Roxana BÂLC – “Construiește cu STEEL” - A 14-A CONFERINȚĂ NAȚIONALĂ DE CONSTRUCȚII METALICE, 19-20 Noiembrie 2015, Cluj-Napoca, România
- *Extended End-plate Connection Subjected to Monotonic Loading. Experimental Analysis and FEM Simulation* - **Ioana Cristina MUREȘAN**, Roxana BÂLC – AIP Conference Proceedings **1863**, 560057 (2017); doi: <http://dx.doi.org/10.1063/1.4992740>
- *Parametric Study of Extended End-plate Connection Using Finite Element Modeling* - **Ioana Cristina MUREȘAN**, Roxana BÂLC – AIP Conference Proceedings **1863**, 560058 (2017); doi: <http://dx.doi.org/10.1063/1.4992741>
- *Influența Efortului Axial asupra Comportării Îmbinărilor cu Placă de Capăt Extinsă și Șuruburi* – Roxana BÂLC, **Ioana Cristina TOMĂȘCU** - A 15-A CONFERINȚĂ NAȚIONALĂ DE CONSTRUCȚII METALICE, 16-17 Noiembrie 2017, Iași, România

Ioana