

LISTA PUBLICAȚIILOR REZULTATE

Ing. Dominiq-Ludovic-Alexander JAKAB

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

1. D. Jakab, I. Marginean, D. Dubina, “Robustness capacity of multistorey steel structures in case of fire after earthquake events”, *Proceedings of the romanian academy series a-mathematics physics technical sciences information science*, Editura Acad. Romane, Vol. 24, Is. 1, Pag 73-80, 2023, <http://dx.doi.org/10.59277/PRA-SER.A.24.1.09>, (WOS:001300121900093)

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

1. D. Jakab, F. Dinu, A. Stratan, I. Marginean, D. Dubina, “Multi-hazard Robustness Assessment of Seismic Resistant Dual Frame Concentrically Braced Frames”, In: Mazzolani, F.M., Dubina, D., Stratan, A. (eds) *Proceedings of the 10th International Conference on Behaviour of Steel Structures in Seismic Areas. STESSA Lecture Notes in Civil Engineering*, vol 262. Springer, 2022, Timisoara, Romania, Cham. https://doi.org/10.1007/978-3-031-03811-2_41, (WOS:001300127900041)

2. D. Jakab, F. Dinu, D. Dubina, “Robustness Assessment of Multi-story Steel Frames in Post-earthquake Localized Fire Scenarios”, *PROCEEDINGS OF THE 11TH INTERNATIONAL CONFERENCE ON BEHAVIOUR OF STEEL STRUCTURES IN SEISMIC AREAS, STESSA 2024 - VOL 1*, vol. 519, pg. 1067-1077, Salerno, Italy, http://dx.doi.org/10.1007/978-3-031-62884-9_93, (WOS:001300121900093)

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

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

1. . D. Jakab, F. Dinu, C. Neagu, D. Dubina, “The influence of the steel beam-concrete slab interaction on the robustness capacity of steel frames”, *Proceedings of the 10th International Conference Eurosteel 2023*, Amsterdam, Volume 6, Issue 3-4, pages 2097-2102, Ernst & Sohn GmbH & Co., <https://doi.org/10.1002/cepa.2540> - BDI Wiley

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

1. D. Dubina, F. Dinu, D. Jakab, “Multi-hazard robustness assessment of seismic resistant multi-story steel frame buildings, *Life-Cycle of Structures and Infrastructure Systems*”, *Eighth International Symposium on Life-Cycle Civil Engineering IAALCE Conference*, Life-Cycle of Structures and Infrastructure Systems – Biondini & Frangopol, ISBN 978-1-003-32302-0, Milano, Italy, 2023, <http://dx.doi.org/10.1201/9781003323020-95>

6. Lucrări științifice publicate în volumele unor manifestări științifice

1. D. Jakab., A. Crisan, “*Studiu comparativ referitor la tipurile de elemente finite folosite în analiza cu element finit*” 2017, Cluj, România.

2. S. Cobzaru, M. Ibrahim, D. Jakab, B. Karabulut, S. Vela, “Numerical analyses on the stability of beam-columns”, 2017, Weimar, Germania, https://e-pub.uni-weimar.de/opus4/frontdoor/deliver/index/docId/4034/file/FE2017_proceedings_opus.pdf

3. D. Jakab, D. Dubina, “Economic evaluation of pre-qualified moment resisting steel joints for the design of steel frames”, 2017, Iași, România, ISSN: 2559-0812.

4. D. Jakab, A. Stratan, D. Dubina, “Numerical testing of steel beam-to-column bolted extended end-plate connection with haunches”, 2018, Timișoara, România. Articolul a fost prezentat în cadrul primei ediții a conferinței International Conference on Computational Methods and Applications in Engineering - ICCMAE 2018, Timisoara, Romania – https://www.itm-conferences.org/articles/itmconf/abs/2019/06/itmconf_iccmae2018_02008/itmconf_iccmae2018_02008.html

7. Cărți pe domeniul de specialitate:

1. Jean Francois DEMONCEAU, Tudor GOLEA and Jean Pierre JASPART, Ahmed ELGHAZOU LI and Zeyad KHALIL, Aldina SANTIAGO, Ana Francisca SANTOS and Luís SIMÕES DA SILVA, Ulrike KUHLMANN and Georgios SKARMOUTSOS, Nadia BALDASSINO, Riccardo ZANDONINI, Martina BERNARDI, Marco ZORDAN, Florea DINU, Ioan MARGINEAN, Dominiq JAKAB, Dan DUBINA, Freddy WERTZ and Klaus WEYNAND, Renata OBIALA, Miguel CANDEIAS, Marion CHARLIER and Omer ANWAAR, “*DESIGN RECOMMENDATIONS AGAINST PROGRESSIVE COLLAPSE IN STEEL AND STEEL-CONCRETE*

- BUILDINGS*”, ISBN: 978-92-9147-172-0, Editura ECCS, 2022, https://www.steelconstruct.com/wp-content/uploads/D3-1_FailNoMoreEN_VFINAL_rev01.pdf
2. Florea DINU, Ioan MARGINEAN, Dominiq JAKAB and Dan DUBINA, “*RECOMANDĂRI DE PROIECTARE PENTRU REDUCEREA RISCULUI DE COLAPS PROGRESIV LA STRUCTURI ÎN CADRE DIN OȚEL ȘI COMPUSE OȚEL-BETON*”, ISBN: 978-92-9147-177-5, 2022, Editura ECCS, https://www.steelconstruct.com/wp-content/uploads/D3-5_FailNoMore_Design-manual_RO_rev01.pdf
3. Florea DINU, Ioan MARGINEAN, Dominiq JAKAB and Dan DUBINA, Freddy Wertz and Klaus Weyand, Renata OBIALA, Miguel CANDEIAS, Marion CHARLIER and Omer ANWAAR, “*D2-2: Design and critical analysis of the worked examples*”, 2022, <https://www.steelconstruct.com/wp-content/uploads/D2.2-Design-and-critical-analysis-of-the-worked-examples-Rev5.pdf>
4. R. Landolfo, M. D'Aniello, S. Costanzo, R. Tartaglia, J. Demonceau, J. Jaspart, A. Stratan, D. Jakab, D. Dubina, A. Elghazouli, D. Bompá, “*Volume with pre-normative design recommendations for seismically qualified steel joints*” 2018, https://www.steelconstruct.com/documentations/EQJplus_Pre-normative_design_guidelines/DWP2-3_EQJplus_FINAL_v2_PRENORMATIVE_DESIGN_RECOMMENDATIONS.pdf
5. R. Landolfo, M. D'Aniello, S. Costanzo, R. Tartaglia, J. Demonceau, J. Jaspart, A. Stratan, D. Jakab, D. Dubina, A. Elghazouli, D. Bompá, “*Volume with information brochures for 4 seismically qualified joints*” 2018, https://www.steelconstruct.com/documentations/EQJplus_Informative_documents/DWP1-1_EQJplus_FINAL%20ENG_vfinal_INFORMATION_BROCHURES.pdf
6. R. Landolfo, M. D'Aniello, S. Costanzo, R. Tartaglia, J. Demonceau, J. Jaspart, A. Stratan, D. Jakab, D. Dubina, A. Elghazouli, D. Bompá, “*Recomandări de proiectare pre-normative pentru noduri metalice precalificate seismic*” 2018, https://www.steelconstruct.com/documentations/EQJplus_Pre-normative_design_guidelines/D_WP2-4_RO.pdf
7. R. Landolfo, M. D'Aniello, S. Costanzo, R. Tartaglia, J. Demonceau, J. Jaspart, A. Stratan, D. Jakab, D. Dubina, A. Elghazouli, D. Bompá, “*Volume with information brochures for 4 seismically qualified joints*” 2018, https://www.steelconstruct.com/documentations/EQJplus_Informative_documents/DWP1-1_EQJplus_FINAL%20ENG_vfinal_INFORMATION_BROCHURES.pdf