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Education

2013 – 2019	University of Belgrade, Faculty of Civil Engineering PhD in Structural Engineering PhD thesis: „Behaviour of shear connections realised by connectors fastened with cartridge fired pins“
2012 – 2013	University of Belgrade, Faculty of Civil Engineering MsC in Structural Engineering
2008 – 2012	University of Belgrade, Faculty of Civil Engineering BsC in Structural Engineering

Professional Experience

2020 – Present	University of Belgrade, Faculty of Civil Engineering, Structural Engineering Assistant professor
Oct – Dec 2022	Czech Technical University in Prague, Faculty of Civil Engineering Postdoctoral researcher
2014 – 2020	University of Belgrade, Faculty of Civil Engineering, Structural Engineering Teaching assistant
Nov 2023 – Jan 2024	Training for teaching in English as a medium of instruction, University of Belgrade, Foundation Tempus
Nov 2019	Czech Technical University in Prague, Faculty of Civil Engineering Workshop - Performance-based fire engineering of structures in V4 countries Organized by the V4 and partner countries under the project Advanced structures design - fire safety guideline for V4 supported by Visegrad Fund
May 2015	University of Malta, Department of Construction & Property Management 1st Training School - Advances in Wind Energy Technology, COST Action TU1304 – WINERCOST, Wind Energy Reconsideration to enhance the concept of Smart Cities

Membership in Professional Bodies

- Member of Serbian Chamber of Engineers
- Member of Association of Serbian Structural Engineers (ASES)

Participation in research projects

2014 – 2020	TR-36048 Research on condition assessment and improvement methods of civil engineering structures in view of their serviceability, load-bearing capacity, cost effectiveness and maintenance - Ministry of Education, Science and Technological Development of the Republic of Serbia (Researcher)
Feb – July 2023	Republic of Serbia Innovation Fund – Innovation voucher no. 1397 - Proof of concept, prototyping and experimental testing for the purposes of new product validation.
2023 - Present	Horizon Europe project Circ-Boost: Boosting the uptake of circular integrated solutions

in construction value chains

Awards

2019	Award from the Serbian Association of Structural Engineers for the best PhD thesis
2016	Award from the Serbian Association of Structural Engineers for the best scientific paper of young researchers
2013	Award from the Fund of prof. Branko Zarić for the best MsC thesis in the field of Steel structures

Language skills

English (Good), Russian (Beginner)

Training for teaching in English as a medium of instruction, University of Belgrade, Foundation Tempus, Certificate number: 2024-HEDU-0307-103.

Software competences

Autodesk Robot Structural Analysis, Sofistik, Idea StatiCa, Tower, Abaqus/SIMULIA, MS Office, Autodesk AutoCAD

List of selected publications

PhD thesis

- Gluhović N, Behaviour of shear connections realised by connectors fastened with cartridge fired pins, PhD thesis, University of Belgrade, Faculty of Civil Engineering, 2019.

Peer-reviewed Journal articles

- Dobrić J, Gluhović N, Fric N, Ruan X, Bock M, Rossi M, Buckling strengths of cold-formed built-up cruciform section columns under axial compression, Thin-Walled Structures, vol 200, 111879, DOI:10.1016/j.tws.2024.111879, 2024 [M21a].
- Dobrić J, Gluhović N, Ivanović J, Rossi B, Design procedures for cold-formed stainless steel built-up columns assembled from equal-leg angles, Journal of Constructional Steel Research, vol 212, 108263, DOI: 10.1016/j.jcsr.2023.108263, 2024 [M21].
- Gluhović N, Marković Z, Spremić M, Pavlović M, Mechanically fastened shear connectors in prefabricated concrete slabs experimental analysis, Steel and Composite Structures, vol 36 (4), pp.369-381. DOI: 10.12989/scs.2020.36.4.369, 2020 [M21a].
- Dobrić J, Buđevac D, Marković Z, Gluhović N, Behaviour of stainless steel press-braked channel sections under compression, Journal of Constructional Steel Research, vol 139, pp. 236-253, ISSN 0143974X, DOI: 10.1016/j.jcsr.2017.09.005, 2017 [M21].
- Gluhović N, Spremić M, Pavlović M, Marković Z, Numerical study of vibrations induced by horizontal-axis wind turbine on a steel building, Proceedings of the Institution of Civil Engineers - Structures and Buildings, Volume 172, Issue 8, pp. 590-598, ISSN 0965-0911, DOI: 10.1680/jstbu.17.00168, 2019 [M23].
- Gluhović N, Marković Z, Spremić M, Numerical parametric study on steel-concrete composite floor beams vibrations due to pedestrian traffic, Building materials and structures, Society for Materials and Structures Testing of Serbia, University of Belgrade Faculty of Civil, Engineering Association of Structural Engineers of Serbia, vol. 64 (1), pp. 45 - 58, ISSN 2335-0229, DOI: 10.5937/GRMK2101045G, 2021 [M24].
- Dobrić J, Gluhović N, Marković Z, Buđevac D, Stability design criteria for closely spaced built-up stainless steel columns, Building materials and structures, Society for Materials and Structures Testing

- of Serbia, University of Belgrade Faculty of Civil, Engineering Association of Structural Engineers of Serbia, vol. 64 (4), pp. 235 - 250, ISSN 2335-0229, DOI: 10.5937/GRMK2104235D, 2021 [M24].
- Kostadinović-Vranešević K, Gluhović N, Dobrić J, Spremić M, Behaviour of thin-walled cylindrical and conical shells - Carbon vs. stainless steel, Building materials and structures, Society for materials and structures testing of Serbia, vol. 62 (1), pp. 27-42, DOI: 10.5937/GRMK1901027K, 2019 [M24].
 - Filipović A, Dobrić J, Spremić M, Marković Z, Gluhović N, Numerical analysis of flexural buckling resistance of non-uniform compression members, Building materials and structures, Society for materials and structures testing of Serbia, vol. 60 (3), pp. 3-14, DOI: 10.5937/grmk1703003F, 2017 [M24].
 - Fric N, Pavlović M, Buđevac D, Mišković Z, Marković Z, Gluhović N, Calibration of the bolt pretension by strain gauges vs. FEA, Building materials and structures, Society for materials and structures testing of Serbia, vol. 59 (4), pp. 3 - 15, DOI: 10.5937/grmk1604003F, 2016 [M24].
 - Gluhović N, Spremić M, Marković Z, Buđevac D, Fric N, Vibrations of composite steel-concrete floors induced by human activities, Building materials and structures, Society for materials and structures testing of Serbia, vol. 59 (4), pp. 17 - 29, DOI: 10.5937/grmk1604017G, 2016 [M24].

List of selected professional references

- Control static calculation of the project for the construction of the bearing steel structure of the boiler house and the main power plant of the Kostolac B3 plant according to SRPS EN standards (Consulting services for construction works and equipment), 2024.
- Project design of execution - Amendments, TPP Kostolac B3, Main technological system - Main power facility - Turbine Hall/deaerator and bunker tract and PZ10 Spillway Building - Analysis of steel structure elements on the effect of fire, 2023.
- Construction project that is part of the Conceptual design of the structure for the reconstruction of part of the DELHAIZE Distribution Center building, Bežanija, Belgrade, 2022.
- Feasibility study of bridge reconstruction in Belgrade - Feasibility analysis of the Pančevo bridge reconstruction for the needs of tram traffic, 2022.
- Project design of execution of the Pedestrian footbridge between Belgrade Tower and Galerija Shopping Center, Belgrade, 2022.
- Project for the construction permit of the wind turbine tower steel structure of the wind park Kula 2, 2020.
- Basic design of the wind turbine tower steel structure of the wind park Kula 2, 2020.
- Project for the construction permit, Steel structure - Recirculation pump building and oxidation a.b. building – C3-1HTD, FGD Construction Project for TTP Nikola Tesla A, 2019.
- Project for the construction permit, Steel structure - Recirculation pump building and oxidation a.b. building – C4-2HTD, FGD Construction Project for TTP Nikola Tesla A, 2019.
- Check design according to SRPS EN (Eurocode) for the part of the Main power building – Turbine hall and deaerator bunker bay, Kostolac Power Plant, B3, 2019.
- Check design according to SRPS EN (Eurocode) for the part of the Main power building – Boiler house, Kostolac Power Plant, B3, 2019.
- Basic design, Steel structure - Recirculation pump building and oxidation a.b. building – C3-1HTD, FGD Construction Project for TTP Nikola Tesla A, 2018.
- Basic design, Steel structure - Recirculation pump building and oxidation a.b. building – C4-2HTD, FGD Construction Project for TTP Nikola Tesla A, 2018.
- Check design of the Road bridge over the Sava river at the location Svilaj - Novi Grad, 2017.
- Restoration project of steel stock structure M3 in thermal power plant Nikola Tesla A in Obrenovac, 2016.

- Check design of the main steel structure of pedestrian bridge near the railway station in Kraljevo with possibilities of reconstruction, 2016.
- Basic design of the reconstruction of steel construction of pedestrian bridge near the railway station in Kraljevo, 2016.
- Project design of execution of the reconstruction of steel construction of pedestrian bridge near the railway station in Kraljevo, 2016.