



Name Jelena Dobrić
Address Politova 12/3, Belgrade, Serbia
e-mail jelena@imk.grf.bg.ac.rs
ORCID ID 0000-0003-1001-9154
website [URL](#)

Professional Experience

2019– Associate professor of Steel Structures at University of Belgrade, Faculty of Civil Engineering in Belgrade
2019–2021 Associate professor of Steel Structures at University of Novi Sad, Faculty of Technical Sciences, Department of Civil Engineering
2017–2019 Assistant professor of Steel Structures at University of Novi Sad, Faculty of Technical Sciences, Department of Civil Engineering
2014–2019 Assistant professor of Steel Structures at University of Belgrade, Faculty of Civil Engineering in Belgrade
2002–2014 Teaching and research assistant of Steel Structures at University of Belgrade, Faculty of Civil Engineering in Belgrade
2000–2002 Teaching and research assistant of Steel Structures at University of Novi Sad, Faculty of Civil Engineering in Subotica

Education and qualification

2010–2014 PhD in Structural Engineering. University of Belgrade, Faculty of Civil Engineering. Topic: Behaviour of built-up stainless steel members subjected to axial compression
2001–2007 Master of Science in Structural Engineering. University of Belgrade, Faculty of Civil Engineering. Topic: Analysis of behaviour of the hollow section steel joints
1995–2000 Master of Engineering in Structural Engineering. University of Belgrade, Faculty of Civil Engineering

Key qualifications

- Strong academic knowledge and deep insight into world-wide technical regulations in the area of steel structures
- Significant lecturing experience on undergraduate and graduate courses on steel, cold-formed steel and aluminium structures at the Faculty of Civil Engineering, University of Belgrade and University of Novi Sad
- Supervisor of PhD thesis - Resistance of different types of stainless steel equal angles under axial compression, Aljoša V. Filipović, Faculty of Civil Engineering, University of Belgrade
- Supervisor and co-supervisor of a large number of MSc theses at Faculty of Civil Engineering, University of Belgrade
- Reviewer of top scientific journals: Thin-Walled Structures, Engineering Structures, Journal of Constructional Steel Research Structures, Structures.
- Extensive experience in the design and design reviews of steel and composite structures according to different world-wide codes and standards: Eurocodes, SNIP, BSI, ANSI/AISC, DIN

CURRICULUM VITAE

- Specialized experience in the design and detailing of steel, cold-formed steel, stainless steel and aluminium structures
- Experience in experimental testing, tensile and compressive material tests, stub-column tests, overall buckling tests, measurement tests of residual stresses in steel structures
- Fully computer literate; knowledge in software for structural modelling: Abaqus FEA, Sofistik, Robot Autodesk, SAP
- Structural engineer
- Responsible Designer State License

Membership in Professional Bodies

- Member of the Working Group CEN/TC 250/SC 3/WG 4, "Eurocode 3 - Design of steel structures. Supplementary rules for stainless steels"
- Expert of the Research Fund for Coal and Steel, European Commission
- Member of Serbian Chamber of Engineers
- Member of Association of Serbian Structural Engineers
- Member of the Supervisor Committee of Association of Serbian Structural Engineers – ASES
- Member of Committee U250-3,4,9 of the Serbian Institute for Standardization (for steel, composite and aluminium structures), which is in charge of the implementation of Eurocodes 3, 4 and 9
- Member of Serbian Chamber of Engineers for state licence exam and mentor for professional assignments in the field of steel and composite structures
- Member of the Certification body for quality assessment of steel for the reinforcement of concrete

Language skills

English, Russian – Intermediate level

Participation in national and international scientific projects

- Research status and methods of improving the building structure in terms of serviceability, capacity, economical and maintenance / Technological and strategic project financed by the Ministry of Education, Science and Technology of the Republic of Serbia. no. 36048. 2011–2017.
- Introduction of Structural Eurocodes and new method of design in Structural Engineering in Serbia/ Technological and strategic project financed by the Ministry of Education, Science and Technology of the Republic of Serbia 2002–2003.
- AEOLUS4FUTURE project H2020-MSCA-ITN (Marie Skłodowska-Curie Innovative Training Networks).

Awards

- Award from the Faculty of Civil Engineering, University of Belgrade for outstanding success in scientific research for 2020/2021 year.
- Award from the Faculty of Civil Engineering, University of Belgrade for outstanding success in scientific research for 2019/2020 year.
- Charter from the Serbian Association of Structural Engineers for the best scientific achievement in the field of structural engineering for a Doctoral Dissertation in 2014–2015: Behaviour of built-up stainless steel members subjected to axial compression.

- Charter from the Serbian Association of Structural Engineers for the best professional achievement in the field of structural engineering for a Design Project in 2014–2015: Athletic hall in Belgrade.

References

- Author and co-author of more than 70 scientific papers in the field of steel structures published in scientific and professional periodicals, proceedings of national and international conferences and peer-reviewed journals.
- Participated as head designer or member of design team in producing more than 100 conceptual projects, preliminary projects and detailed designs of steel structures in Serbia, Montenegro, the Russian Federation, Kuwait, Uganda and Saudi Arabia: industry buildings, energy industry, mining industry, lattice antenna towers and masts, shopping centres, sport facilities, car parks, bridges, etc.
- Participated as consultant and reviewer of preliminary and detailed design projects of steel structures.

PUBLICATIONS

1. J. Dobrić, Y. Cai, B. Young, B. Rossi. Behaviour of duplex stainless steel bolted connections, *Thin-Walled Structures*, Volume 169, 108380, <https://doi.org/10.1016/j.tws.2021.108380>
2. J. Dobrić, A. Filipović, N. Baddoo, D. Buđevaca, B. Rossi, Design criteria for pin-ended hot-rolled and laser-welded stainless steel equal-leg angle columns, *Thin-Walled Structures*, Volume 167, October 2021, 108175, <https://doi.org/10.1016/j.tws.2021.108175>
3. A. Filipović, J. Dobrić, D. Buđevac, N. Fric, N. Baddoo. Experimental study of laser-welded stainless steel angle columns, *Thin-Walled Structures*, 164, 2021, 107777, <https://doi.org/10.1016/j.tws.2021.107777>
4. A. Filipović, J. Dobrić, N. Baddoo, M. Može. Experimental response of hot-rolled stainless steel angle columns, *Thin-Walled Structures*, 163, 2021, 107659, <https://doi.org/10.1016/j.tws.2021.107659>
5. J. Dobrić, A. Filipović, N. Baddoo, Z. Marković, D. Buđevac. Design procedures for cold-formed stainless steel equal-leg angle columns, *Thin-Walled Structures*, 159, 2020, 107210, <https://doi.org/10.1016/j.tws.2020.107210>
6. J. Dobrić, A. Filipović, Z. Marković, N. Baddoo. Structural response to axial testing of cold-formed stainless steel angle columns, *Thin-Walled Structures*, 156, 2020, 106986 <https://doi.org/10.1016/j.tws.2020.106986>
7. J. Dobrić, B. Rossi. Column Curves for Stainless Steel Lipped–Channel Sections, *Journal of Structural Engineering*, 146(10), 2020, [https://doi.org/10.1061/\(ASCE\)ST.1943-541X.0002708](https://doi.org/10.1061/(ASCE)ST.1943-541X.0002708).
8. J. Dobrić, J. Ivanović, B. Rossi, Behaviour of stainless steel plain channel section columns, *Thin-Walled Structures* 148, pp. 2-16, <https://doi.org/10.1016/j.tws.2020.106600>
9. A. Filipović, J. Dobrić, Z. Marković, N. Baddoo, Ž. Flajs, Buckling resistance of stainless steel angle columns, *Građevinar*, 71 (2019) 7, pp. 547-558, doi: <https://doi.org/10.14256/JCE.2563.2018>
10. T. Molkens, J. Dobrić, B. Rossi, Shear resistance of headed shear studs welded on welded plates in composite floors, *Engineering Structures* 197 (2019), pp. 1-16, <https://doi.org/10.1016/j.engstruct.2019.109412>
11. J. Dobrić, Z. Marković, D. Buđevac, M. Spremić, N. Fric, Resistance of cold-formed built-up stainless steel columns – Part I: Experiment, *Journal of Constructional Steel Research*, Elsevier Ltd, vol. 145, pp. 552-572, issn: 0143-974X, 2018, <https://doi.org/10.1016/j.jcsr.2018.02.026>
12. J. Dobrić, M. Pavlović, Z. Marković, D. Buđevac, M. Spremić, Resistance of cold-formed built-up stainless steel columns – Part II: Numerical simulation, *Journal of Constructional Steel Research*, Elsevier Ltd, vol. 140, pp. 247 - 260, issn: 0143974X, 2018, doi: 10.1016/j.jcsr.2017.10.032
13. J. Dobrić, D. Buđevac, Z. Marković, N. Gluhović, Behaviour of stainless steel press-braked channel sections under compression, *Journal of Constructional Steel Research*, Elsevier Ltd, vol. 139, pp. 236 - 253, issn: 0143974X, doi: 10.1016/j.jcsr.2017.09.005, 2017.
14. J. Dobrić, Z. Marković, D. Buđevac, Shear Stiffness of Closely Spaced Built-up Stainless Steel Columns, *Fifth International Experts Seminar: Stainless Steel in Structures*, London, United Kingdom, 18. - 19. Sep, 2017
15. M. Spremić, Z. Marković, J. Dobrić, M. Veljković, D. Buđevac, Shear connection with groups of headed studs, *Gradjevinar*, Croatian Association of Civil Engineers, vol. 69, no. 5, pp. 347 - 426, issn: 1333-9095, udc: 624+69(05)=862, doi.org/10.14256/JCE.1701.2016, 2017.
16. J. Dobrić, Z. Marković, D. Buđevac, Ž. Flajs, Specific features of stainless steel compression elements, *Journal of the Croatian Association of Civil Engineers - GRAĐEVINAR*, Croatian Association of Civil Engineers, vol. 2, no. 67, pp. 143 - 150, issn: 1333-9095, udc: 862, doi: 10.14256/JCE.1128.2014, 2015.
17. Z. Marković, D. Buđevac, J. Dobrić, N. Fric, M. Knežević, Specific behaviour of thin-walled member joints with fasteners, *Journal of the Croatian Association of Civil Engineers -*

- GRAĐEVINAR, Croatian Association of Civil Engineers, vol. 64, no. 3, pp. 217 - 230, issn: 0350-2465, udc: 624.014.24:69.022.5, 2012.
18. Z. Marković, J. Dobrić, N. Gluhović. Comparison of wind actions according to Eurocode and previous regulations, *Scientific Journal of Civil Engineering*, 9, 1, 2020 pp83-92. ISSN - 1857 - 839X.
 19. N. Gluhović, M. Spremić, B. Milosavljević, Z. Marković, J. Dobrić, Ductility of different types of shear connectors - experimental and numerical analysis, *SDSS 2019 - International Colloquium on Stability and Ductility of Steel Structures*, EID: 2-s2.0-85074149659
 20. A. Filipović, J. Dobrić, Z. Marković, N. Baddoo, M. Spremić, N. Fric, Experimental investigation of compressed stainless steel angle columns, *SDSS 2019 - International Colloquium on Stability and Ductility of Steel Structures*, EID: 2-s2.0-85074162614
 21. Molkens, Tom; Dobric, Jelena; Rossi, Barbara; 2019. Influence of the concrete shear capacity on the failure behaviour of composite decks. *International Conference for Steel and Aluminium Structures*; 2019; pp. 931 - 942 Publisher: 9th ICSASconference
 22. Molkens, Tom; Dobric, Jelena; Rossi, Barbara; 2019. Headed shear stud welded on welded plates in composite floor applications. *International Conference for Steel and Aluminium Structures*; 2019; pp. 943 - 954 Publisher: 9th ICSAS
 23. I. Jakovljević, J. Dobrić, Z. Marković, Flexural buckling of hot-finished and cold-formed elliptical hollow section columns: Numerical comparative analysis, DOI: 10.5937/GRMK1902015J, 2019
 24. K. Kostadinović-Vranešević, N. Gluhović, J. Dobrić, M. Spremić, Behaviour of thin-walled cylindrical and conical shells: Carbon vs. stainless steel, *Gradjevinski materijali i konstrukcije*, vol. 62, pp. 27-42, DOI: 10.5937/GRMK1901027K, 2019
 25. J. Dobrić, Z. Marković, D. Buđevac, Behaviour of built-up stainless steel members subjected to axial compression, *Proceedings of conference 2017: Contemporary Civil Engineering Practice*, Association of Civil Engineers of Novi Sad, Department of Civil Engineering and Geodesy Faculty of Technical Sciences Novi Sad, pp. 113 - 124, isbn: 978-86-7892-917-5, *Andrevlje, Srbija*, 25. - 26. May, 2017
 26. Z. Marković, J. Dobrić, Athletic hall structure in Belgrade, *Proceedings of conference 2017: Contemporary Civil Engineering Practice*, Association of Civil Engineers of Novi Sad, Department of Civil Engineering and Geodesy Faculty of Technical Sciences Novi Sad, isbn: 978-86-7892-917-5, *Andrevlje, Srbija*, 25. - 26. May, 2017
 27. J. Dobrić, M. Spremić, Z. Marković, B. Ninić, J. Milovanović, Comparative numerical buckling analysis of compressed carbon and stainless steel members at elevated temperatures, *Special Issue: Proceedings of Eurosteel 2017; 8th European Conference on Steel and Composite Structures*, Ernst & Sohn Verlag für Architektur und technische Wissenschaften GmbH & Co. KG, Berlin, vol. 1, no. 2-3, pp. 4712 - 4721, doi: 10.1002/cepa.533, Copenhagen, Denmark, 13. - 15. Sep, 2017
 28. J. Dobrić, Z. Marković, D. Buđevac, M. Spremić, Maximum chord slenderness ratio of compressed stainless steel closely spaced built-up members, *Special Issue: Proceedings of Eurosteel 2017; 8th European Conference on Steel and Composite Structures*, Ernst & Sohn Verlag für Architektur und technische Wissenschaften GmbH & Co. KG, Berlin, vol. 1, no. 2-3, pp. 1182 - 1189, doi: 10.1002/cepa.159, Copenhagen, Denmark, 13. - 15. Sep, 2017
 29. A. Filipović, J. Dobrić, M. Spremić, Z. Marković, N. Gluhović, Numerical analysis of flexural buckling resistance of non-uniform compression members, *Building materials and structures*, Society for materials and structures testing of Serbia, vol. 3, no. 60, pp. 3 - 14, issn: 0543-0798, udc: 692.522.046, doi: 10.5937/grmk1703003F, Belgrade, Serbia, 2017.
 30. M. Spremić, N. Gluhović, Z. Marković, J. Dobrić, A. Filipović, Comparison of headed studs with perfobond shear connectors - Experimental and Numerical Analysis, *Special Issue: Proceedings of Eurosteel 2017; 8th European Conference on Steel and Composite Structures*, Ernst & Sohn

- Verlag für Architektur und technische Wissenschaften GmbH & Co. KG, Berlin, vol. 1, no. 2-3, pp. 2237 - 2246, doi: 10.1002/cepa.270, Copenhagen, Denmark, 13. - 15. Sep, 2017
31. A. Filipović, J. Dobrić, M. Spremić, Z. Marković, N. Gluhović, Numerical analysis of flexural buckling resistance of non-uniform compression members, Proceedings of ASES 2016, Association of Structural Engineering of Serbia, isbn: 978-86-7892-839-0, pp. 499 - 506, Zlatibor, Serbia, 15. - 17. Sep, 2016
 32. Z. Marković, M. Spremić, J. Dobrić, N. Gluhović, A. Filipović, Analysis of flexural buckling resistance of non-uniform members, Proceedings of 6th International Conference "Civil Engineering – Science and Practice" GNP 2016, isbn: 978-86-82707-30-1, pp. 147 - 154, Žabljak, Montenegro, 7-11 March 2016.
 33. N. Fric, D. Buđevac, Z. Mišković, Z. Marković, J. Dobrić, Usage of zinc-silicate primers in friction connections, Proceedings of 6th International Conference "Civil Engineering – Science and Practice" GNP 2016, pp. 621 - 628, isbn: 978-86-82707-30-1, Žabljak, Montenegro, 7-11 March 2016.
 34. J. Dobrić, Z. Marković, M. Živanović, D. Buđevac, Athletic hall structure "Barracks General Jovan Mišković" in Belgrade, Authorship, 2016.
 35. J. Dobrić, Behaviour of built-up stainless steel members subjected to axial compression, Proceedings of ASES 2016, Association of Structural Engineering of Serbia, pp. 37 - 46, isbn: 978-86-7892-839-0, Zlatibor, Serbia, 15. - 17. Sep, 2016
 36. M. Tošković, M. Spremić, Z. Marković, J. Dobrić, Comparative analysis of lattice tower design according to SRPS and EN 1993, Association of Structural Engineering of Serbia, pp. 469 - 478, isbn: 978-86-7892-839-0, Zlatibor, Serbia, 15. - 17. Sep, 2016
 37. N. Ivanović, Z. Marković, J. Dobrić, M. Spremić, N. Gluhović, Numerical lateral buckling analysis of aluminium alloy beams with channel sections, Proceedings of ASES 2016, Association of Structural Engineering of Serbia, pp. 419 - 428, isbn: 978-86-7892-839-0, Zlatibor, Serbia, 15. - 17. Sep, 2016
 38. Z. Marković, M. Živanović, J. Dobrić, D. Buđevac, Athletic hall structure in Belgrade, Proceedings of ASES 2016, Association of Structural Engineering of Serbia, isbn: 978-86-7892-839-0, pp. 25 - 36, Zlatibor, Serbia, 15. - 17. Sep, 2016
 39. M. Spremić, Z. Marković, J. Dobrić, D. Buđevac, Shear resistance of longitudinal shear connection with groups of headed studs, Proceedings of 6th International Conference Civil Engineering – Science and Practice GNP 2016, pp. 265 - 272, issn: 978-86-82707-30-1, Žabljak, Montenegro, 7-11 March 2016
 40. N. Fric, D. Buđevac, Z. Mišković, Z. Marković, J. Dobrić, Usage of zinc-silicate coatings in friction connections, International Journal of Applied Engineering Science, Institute for research and design in industry, vol. 14, pp. 128 - 134, issn: 1451-4117, doi: 10.5937/jaes14-10450, 2016.
 41. M. Spremić, Z. Marković, J. Dobrić, D. Buđevac, Shear resistance of longitudinal shear connection with groups of headed studs, International Journal of Applied Engineering Science, Institute for research and design in industry, vol. 14, pp. 109 - 114, issn: 1451-4117, doi: 10.5937/jaes14-10471, 2016.
 42. J. Dobrić, Z. Marković, D. Buđevac, N. Gluhović, Mathematical interpretation of nonlinear relationship of stainless steel stress and strain, Building Materials in Contemporary Construction, Society for Material Testing and Research of Serbia and Institute IMS, pp. 119 - 127, issn: ISBN 978-86-87615-06-9, Serbia, Belgrade, 19. Jun, 2015
 43. N. Gluhović, Z. Marković, M. Spremić, J. Dobrić, Design recommendation of floor vibrations induced by human activities, Proceedings of 16th International Symposium of MASE, MASE - Macedonian Association of Structural Engineers, Faculty of Civil Engineering, no. 16, pp. 714 - 724, issn: 608-4510-24-8, Macedonia, Ohrid, 1. - 3. Oct, 2015

44. J. Dobrić, Z. Marković, D. Buđevac, M. Spremić, N. Fric, Stainless steel cross-section resistance according to continuous strength method, Proceedings of 13th International Scientific Conference, iNDiS 2015 Planning, design, construction and building renewal, pp. 28 - 34, Serbia, Novi Sad, 25. - 27. Nov, 2015
45. J. Dobrić, Z. Marković, D. Buđevac, M. Spremić, N. Fric, M. Pavlović, Eexperimental investigation of flexural buckling of cold formed built-up stainless steel members, Proceedings of 8th International Conference on Advances in steel structures, Portugal, Lisbon, 22. - 24. Jul, 2015
46. N. Fric, D. Buđevac, Z. Mišković, M. Veljkovic, Z. Marković, J. Dobrić, Calibration of the high strength bolts measuring of the pretension force, Proceedings of 8th International Conference on Advances in steel structures, Portugal, Lisbon, 22. - 24. Jul, 2015
47. Z. Marković, N. Gluhović, J. Dobrić, N. Fric, The last European recommendations with regards to beam-column end plate connection, Proceedings of 5th International Conference Civil Engineering – Science and Practice GNP 2014, pp. 1301 - 1308, issn: 978-86-82707-23-3, Žabljak, Montenegro, 17. - 21. Feb, 2014
48. J. Dobrić, Behaviour of built-up stainless steel members subjected to axial compression, University of Belgrade Faculty of Civil Engineering, UDK 624.014/.02 (043.3), 2014.
49. N. Fric, D. Buđevac, Z. Marković, J. Dobrić, J. Isaković, Huck bobtail fastening system – new solution for high-strength lockbolts, Proceedings of 5th International Conference Civil Engineering – Science and Practice GNP 2014, pp. 791 - 798, issn: 978-86-82707-23-3, Žabljak, Montenegro, 17. - 21. Feb, 2014
50. N. Fric, D. Buđevac, Z. Marković, J. Dobrić, J. Isaković, Huck bobtail fastening system – new solution for high-strength lockbolts, Journal of Applied Engineering Science 2014, vol. 12, no. 1, pp. 23 - 28, issn: 1451-4117, doi: DOI: 10.5937/JAES12-5611, 2014.
51. S. Živanović, J. Roger Paul, D. Hiep Vu, J. Dobrić, Design and construction of a very lively bridge, Conference Proceedings of the Society for Experimental Mechanics Series, 2013.
52. Z. Marković, J. Dobrić, N. Gluhović, Using of aluminium alloys in civil structures, Contemporary theory and practise in construction, Institute for construction Banja Luka, no. 11/12, pp. 42 - 55, udc: 669.71:624.131, Banja Luka, Bosnia and Herzegovina, 2013
53. S. Živanović, Johnson R.P., H.V. Dang, J. Dobrić, Design and Construction of a Very Lively Bridge, Conference Proceedings of the Society for Experimental Mechanics Series, 31st International Modal Analysis Conference on Structural Dynamics IMAC 2013, vol. 39, no. 4, pp. 371 – 380, ISBN: 978-146146554-6, Garden Grove, CA; United States; 11. - 14. Feb, 2013
54. Z. Marković, J. Dobrić, M. Spremić, N. Fric, New design approach of aluminium structures in accordance with Eurocode, Proceedings of 12th International Scientific Conference, iNDiS 2012 Planning, design, construction and building renewal, pp. 47 - 54, issn: 978-86-7892-452-1, Novi Sad, Serbia, 28. - 30. Nov, 2012
55. N. Fric, B. Gligić, J. Dobrić, Z. Marković, Wind tower – design of friction connections for assembling sections of tubular steel tower, Proceedings of 4th International Conference Civil Engineering – Science and Practice GNP 2012, pp. 869 - 875, issn: 978-86-82707-21-9, Žabljak, Montenegro, 20. - 24. Feb, 2012
56. Z. Marković, N. Fric, J. Dobrić, Specific issues of steel wind towers, Proceedings of 8th International scientific conference - Contemporary theory and practise in construction, Institute for construction Banja Luka, pp. 273 - 288, issn: 978-99955-630-7-3, Banja Luka, Bosnia and Herzegovina, 26. - 27. Apr, 2012
57. N. Fric, B. Gligić, J. Dobrić, Z. Marković, Wind tower – Design of friction connections for assembling sections of tubular steel towers, International Journal of Applied Engineering Science, Institute for research and design in industry, vol. 10, no. 1, pp. 49 - 52, issn: 1451-4117, udc: 33, doi: 10.5937/jaes11-1670, 2012.

CURRICULUM VITAE

58. J. Dobrić, Z. Marković, M. Pavlović, D. Buđevac, Use of stainless steel in civil engineering, Construction Calendar 2012, Association of Civil Engineers and Technicians of Serbia, vol. 44, pp. 159 - 191, issn: 0352-2733, udc: 624(059), 2011.
59. J. Dobrić, Z. Marković, M. Spremić, N. Fric, Analysis of stainless steel member in axial compression, International Symposium about research and application of modern achievements in civil engineering in the field of materials and structures DIMK Srbija, pp. 273 - 281, issn: 978-86-87615-02-1, Belgrade, Serbia, 19. - 21. Oct, 2011
60. Z. Marković, M. Spremić, V. Koković, J. Dobrić, M. Pavlović, N. Fric, Design project of multi-storey open public garage in Khartoum, Proceedings of 7th International scientific conference - Contemporary theory and practise in construction, Institute for construction Banja Luka, pp. 169 - 180, issn: 978-99955-630-6-6, Banja Luka, Bosnia and Herzegovina, 14. - 15. Apr, 2011
61. J. Dobrić, M. Pavlović, Z. Marković, D. Buđevac, Specific features of centrally compressed stainless steel members, Proceedings of 3th International Conference Civil Engineering – Science and Practice GNP 2010, pp. 585 - 590, issn: 978-86-82707-18-9, Žabljak, Montenegro, 15 - 19 Feb, 2010.
62. Z. Marković, J. Dobrić, D. Buđevac, Wind actions on structures in accordance with Eurocode, Proceedings of 6th International scientific conference - Contemporary theory and practise in construction, Institute for construction Banja Luka, pp. 25 - 42, issn: 978-99955-630-5-9, Banja Luka, Bosnia and Herzegovina, 15-16 April, 2010.
63. J. Dobrić, D. Buđevac, Z. Marković, M. Spremić, Design of lattice structures composed of hollow section according to Eurocode 3, Proceedings of 2th International Conference Civil Engineering – Science and Practice GNP 2008, pp. 225-230, Žabljak, Montenegro, 3 – 7 march, 2008
64. M. Spremić, D. Buđevac, Z. Marković, J. Dobrić, Comparative analysis of full and partial shear connection in composite structures, Proceedings of 2th International Conference Civil Engineering – Science and Practice GNP 2008, pp. 349-354, Žabljak, Montenegro, 3 – 7 march, 2008
65. D. Buđevac, Z. Marković, J. Dobrić, Resistance of multiplane hollow section joints in accordance with Eurocode 3, Proceedings of 12th conference ASSYU, Association of Structural Engineering of Yugoslavia, vol. 2, pp. 191-196, Vrnjačka Banja, Serbia, 24 – 26 Sep, 2006
66. J. Dobrić, Design of hollow section joints in accordance with Eurocode 3, JUDIMK 2005, Novi Sad, Serbia, 2005.
67. D. Buđevac, B. Gligić, J. Dobrić, Lateral-torsional buckling of aluminum structural members in accordance with Eurocode 9, Symposium ASSYU, Association of Structural Engineering of Yugoslavia, vol. 2, pp. 181-186, Vrnjačka Banja, Serbia, 28 Sep. - 01 Nov. 2004
68. D. Buđevac, Z. Marković, J. Dobrić, Centrally compressed steel members with solid cross-section in accordance with Eurocode 3, Construction Calendar 2005, Association of Civil Engineers and Technicians of Yugoslavia – Belgrade, pp. 137 – 159, 2004
69. D. Budjevac, Z. Marković, M. Spremić, J. Dobrić, Review of the standard antenna towers for the needs of Serbian mobile telephony, International symposium MASE 2003, vol. 1, pp. 275-280, Ohrid, Macedonia, 25-27 sep.2003
70. D. Buđevac, Z. Marković, J. Dobrić, Structures of Delta sport building in Belgrade, International symposium MASE 2003, vol. 1, pp. 239-244, Ohrid, Macedonia, 25-27 sept. 2003
71. D. Buđevac, Z. Marković, M. Spremić, J. Dobrić, Steel structure of the pyramid of the business and trade center in Hanti Mansijsk, International symposium MASE 2003, vol.1, pp. 245-250, Ohrid, Macedonia, 25-27 sept.2003
72. D. Buđevac, B. Gligić, J. Dobrić, Serviceability limit state of aluminium structural members in accordance with Eurocode 9, Proceedings of 11th Conference ASSYU, Association of Structural Engineering of Yugoslavia, vol. 2, pp. 361-366, Vrnjačka Banja, Serbia, 25-27 Sep, 2002

73. D. Buđevac, Z. Marković, J. Dobrić, Design of joints in accordance with Eurocode 3, Construction Calendar 2003, Union of Civil Engineers and Technicians of Yugoslavia – Belgrade, pp 408 - 428, 2002
74. D. Buđevac, Z. Marković, J. Dobrić, Design of steel structural elements under bending in accordance with Eurocode 3, Construction Calendar 2002, Association of Civil Engineers and Technicians of Yugoslavia – Belgrade, pp 354 – 395, 2001
75. Bešević, A. Tešanović, J. Dobrić, Steel design: worked examples for students, University of Novi Sad, Faculty of Civil Engineering Subotica, 2002

PROFESSIONAL REFERENCES

Detailed and preliminary design

1. Detailed design of for bridge for main heating installations across the highway in Belgrade 578+126,95, (D. Buđevac, B. Gligić, J. Vračević), 2000.
2. Detailed design of steel roof structures and gallery in building of “First entrepreneurial bank” in Belgrade (D. Buđevac, Z. Marković, J. Vračević), 2000.
3. Detailed design of steel structure for building adaptation, reconstruction and upgrade of hotel “Maestral“, Miločer, Monte Negro (D. Buđevac, Z. Marković, J. Vračević), 2000.
4. Detailed design of Car salon Fiat and Alfa Romeo in Belgrade (D. Buđevac, Z. Marković, J. Vračević), 2000.
5. Preliminary design of antenna tower at the top of “Beogradanka” building (Z. Marković, D. Buđevac, J. Dobrić), 2001.
6. Detailed design of Car salon Delta - Fiat in block 70, Belgrade (D Novaković, Z. Marković, J. Dobrić), 2001.
7. Detailed design of steel structure of administrative and commercial center in Hanty-Mansijsk Russian Federation (D. Buđevac, Z. Marković, M. Spremić, J. Dobrić), 2002.
8. Detailed design of steel structure of stock building Delta Sport in Belgrade (Z. Marković, J. Dobrić), 2002.
9. Detailed design of annex of business building Delta in New Belgrade (Z. Marković, J. Dobrić, B. Milosavljević), 2002.
10. Competition solution of Road bridge in Mediana street in Niš, Serbia (D. Budjevac, Z. Markovic, M. Muravljev, M. Spremic, J. Dobric, M. Pavlovic), 2003.
11. Competition solution of New Sava Bridge in Belgrade, Serbia (D. Budjevac, Z. Markovic, M. Spremic, J. Dobric, M. Pavlovic), 2004.
12. Detail design of steel structures for Shopping center “CORA” in Belgrade, Serbia (D. Budjevac, Z. Markovic, M. Spremic, J.Dobric), 2003.
13. Detailed design of lattice antenna tower 30 m high for wind speed 30 m/s (typical solution) for Telecom Serbia (Z. Markovic, M. Spremic, J. Dobric), 2003.
14. Detailed design of lattice antenna tower 24 m high for wind speed 30 m/s (typical solution) for Telecom Serbia (Z. Markovic, M. Spremic, J. Dobric), 2003.
15. Detailed design of lattice antenna tower 24 m high for wind speed 23 m/s (typical solution) for Telecom Serbia (Z. Markovic, M. Spremic, J. Dobric), 2003.
16. Detailed design of lattice antenna tower 30 m high for wind speed 23 m/s (typical solution) for Telecom Serbia (Z. Markovic, M. Spremic, J. Dobric), 2003.
17. Detailed design of lattice antenna tower 36 m high for wind speed 23 m/s (typical solution) for Telecom Serbia (Z. Markovic, M. Spremic, J. Dobric), 2003.
18. Detailed design of lattice antenna tower 36 m high for wind speed 30 m/s (typical solution) for Telecom Serbia (Z. Markovic, M. Spremic, J. Dobric), 2003.
19. Detailed design of lattice antenna tower 30 m high for wind speed 35 m/s (typical solution) for Telecom Serbia (Z. Markovic, M. Spremic, J. Dobric), 2003.
20. Detailed design of lattice antenna tower 45 m high for wind speed 35 m/s (typical solution) for Telecom Serbia (Z. Markovic, M. Spremic, M.Pavlovic, J. Dobric), 2004.
21. Detailed design of steel structure canopy for administrative crossing Dobrakovo (Z. Marković, J. Dobrić, N. Stojanović), 2003.
22. Detailed design of steel structure canopy for administrative crossing Dračenovac (Z. Marković, J. Dobrić, N. Stojanović), 2003.
23. Detailed design of steel structure canopy for administrative crossing Metaljka (Z. Marković, J. Dobrić, N. Stojanović), 2003.

24. Detailed restoration design of structures of Hypo-Alpe-Adria bank in Kralja Milana street in Belgrade (Z. Marković, J. Dobrić, V. Alendar), 2003.
25. Preliminary design of steel structure of Post office building in in Hanty-Mansijsk Russian Federation (Z. Marković, M Spremić, J. Dobrić), 2004.
26. Detail design of production hall for mineral water Milan Toplica, in Prokuplje (Z. Marković, J. Dobrić, N. Stojanović) 2004.
27. Detail design of steel structures for Shopping center "Maxi" in Sremska Mitrovica (Z. Marković, J. Dobrić), 2004.
28. Detail design of steel structures for Shopping center "Maxi" in Kragujevac (Z. Marković, J. Dobrić), 2005.
29. Detail design of steel structures for Shopping center "Maxi" in Sarajevska (Z. Marković, J. Dobrić), 2005.
30. Detail design of steel structures for Shopping center "Maxi" in Bor (Z. Marković, J. Dobrić), 2005.
31. Detailed restoration design of structures of Shopping center Bazar in Novi Sad (Z. Marković, J. Dobrić), 2005.
32. Preliminary design of shopping mall in Vojislav Ilić street (Z. Marković, J. Dobrić), 2005.
33. Detailed Design of Truck Maintenance Facility in Kuwait (Z. Marković, J. Dobrić, M.Spremić, M. Pavlović) 2005.
34. Detailed design of structure of kitchen and restaurant beside of Truck service building in Kuwait (Z. Marković, J. Dobrić, M.Spremić, M. Pavlović) 2005.
35. Detail design of steel structures for Shopping center "Maxi" in Zaječar (Z. Marković, J. Dobrić), 2006.
36. Detailed design of hypermarket Tempo 2 in Belgrade Beograd, 16.000 m², (D. Buđevac, D. Ostojić, Z.Marković, M. Stojanović, B. Milosavljević, J. Dobrić, M.Pavlović), 2006.
37. Detailed design of hypermarket Tempo in Novi Sad 12.000 m² (D. Buđevac, D. Ostojić, Z.Marković, M. Stojanović, B. Milosavljević, J. Dobrić, M.Pavlović), 2006.
38. Detailed design of hypermarket Tempo in Niš, 10.000 m² (D. Buđevac, D. Ostojić, Z.Marković, M. Stojanović, B. Milosavljević, J. Dobrić, M.Pavlović), 2006.
39. Detailed design of steel structures of hall A1 for "Parking Servis" in Belgrade (Z.Marković, J.Dobrić, N.Stojanović), 2006.
40. Detailed design of steel structures of hall A2 for "Parking Servis" in Belgrade (Z.Marković, J.Dobrić, N.Stojanović), 2006.
41. Detailed design of steel structures of hall A3 for "Parking Servis" in Belgrade (Z.Marković, J.Dobrić, N.Stojanović), 2006.
42. Detailed design of steel structures of hall B1 for "Parking Servis" in Belgrade (Z.Marković, J.Dobrić, N.Stojanović), 2006.
43. Detailed design of lattice antenna tower 36 m high TSP36/23 (Z. Marković, M Spremić, J. Dobrić, N. Stojanović), 2006.
44. Detailed design of lattice antenna tower 30 m high TSP36/30 (Z. Marković, M Spremić, J. Dobrić, N. Stojanović), 2006.
45. Detailed design of shopping mall in Vojislav Ilić street (Z. Marković, J. Dobrić), 2006.
46. Detailed design of steel structure of hall 5 of film studio Pink in Šimanovci (D.Buđevac, Z. Marković, J.Dobrić), 2007.
47. Detailed design of steel structure of hall 6 of film studio Pink in Šimanovci (D.Buđevac, Z. Marković, J.Dobrić), 2007.
48. Detailed design of steel structure of hall 12 of film studio Pink in Šimanovci (D.Buđevac, Z. Marković, J.Dobrić), 2007.
49. Detailed design of steel structure of hall 13 of film studio Pink in Šimanovci (D.Buđevac, Z. Marković, J.Dobrić), 2007.

CURRICULUM VITAE

50. Detailed design of steel structure of hall 14 of film studio Pink in Šimanovci (D.Buđevac, Z. Marković, J.Dobrić), 2007.
51. Detailed design of steel structure of hall 2 of film studio Pink in Šimanovci (D.Buđevac, Z. Marković, J.Dobrić), 2007.
52. Detailed design of steel structure of hall 3 of film studio Pink in Šimanovci (D.Buđevac, Z. Marković, J.Dobrić), 2007.
53. Detailed design of steel structure of hall 4 of film studio Pink in Šimanovci (D.Buđevac, Z. Marković, J.Dobrić), 2007.
54. Detailed design of roof structure of phase II of multifunctional shopping center Delta City in Podgorica (D.Buđevac, Z. Marković, J.Dobrić), 2007.
55. Detailed design of BMW and Mini salon and service in Belgrade (D.Buđevac, Z. Marković, J.Dobrić), 2007.
56. Detailed design of lattice antenna tower TS 45/23 (Z. Marković, M.Spremić, J. Dobrić), 2007.
57. Detailed design of 50 m high mast in Uganda $v=35$ m/s (Z. Marković, M.Spremić, J. Dobrić), 2008.
58. Detailed design of 50 m high mast in Ruanda $v=28$ m/s (Z. Marković, M.Spremić, J. Dobrić), 2008.
59. Detailed design of lattice antenna tower 36 m high in Ruanda (Z. Marković, M.Spremić, J. Dobrić), 2008.
60. Preliminary design of canopy steel structures for Market place in Belgrade (Z.Marković, D.Buđevac, M. Pavlović, J.Dobrić), 2008.
61. Detailed design of steel structures of industry hall 33 m span in Cement factory in Ishitzrin, Russian Federation (Z.Marković, J.Dobrić), 2008.
62. Detailed design of steel structure of Delta park building in Kragujevac (Z. Marković, J. Dobrić, M.Pavlović) 2009.
63. Detailed design of steel structures for Workers' settlement in Sudan (Z. Marković, M.Spremić, J. Dobrić, M.Pavlović, N. Fric), 2009
64. Detailed restoration design of assembly hall fail due to fire damage, Fiat Serbia (Z. Marković, M.Spremić, J. Dobrić, M.Pavlović, N. Fric), 2009.
65. Detailed Design of multy storey car-park in Khartoum, Sudan (Z. Marković, M.Spremić, J. Dobrić, M.Pavlović, N. Fric, V. Koković), 2010.
66. Detailed Design of Roof Structure Reconstruction on halls for body, finall preparation and assembling in FIAT plant in Kragujevac, Serbia (Z. Marković, D. Buđevac, M.Spremić, J.Dobrić, M.Pavlović, N.Fric) 2010.
67. Detailed design of athletic hall in Banjica, Belgrade (Z.Marković, D.Buđevac, J.Dobrić), 2011.
68. Detailed design of pipeline bridge across the river Lepenica in Kragujevac (Z.Marković, D.Buđevac, J.Dobrić) 2011.
69. Detailed design of sports hall in Karsnodar, Russian Federation (Z.Marković, J.Dobrić), 2012.
70. Detailed design of Shopping mall Moskovsky in Krasnodar, Russian Federation (Z.Marković, J.Dobrić), 2012.
71. Detailed design of sports hall for hockey in Gornopravdinsk, Russian Federation (Z.Marković, J.Dobrić), 2012.
72. Detailed Design for reconstruction and adding new storey on the building of Faculty for Political Science University of Belgrade part A (D. Ostojić, M.Spremić, J. Dobrić) 2010.
73. Detailed Design for reconstruction and adding new storey on the building of Hotel Palisad block A (D.Ostojić, M Spremić, J.Dobrić) 2012.
74. Detail design of lattice support structure for pipe transport system in line from clinker hall to calciner tower in factory Lafarge, Beočin (Z.Marković, M.Spremić, J.Dobrić), 2014.
75. Detailed design of sports hall in Najranmar, Russian Federation (Z.Marković, J.Dobrić), 2014.

76. Preliminary design of steel structures of desulphurization plant for thermal power plants Nikola Tesla A in Obrenovac (Z.Marković, M.Spremić, J.Dobrić, M.Pavlović), 2014.
77. Preliminary Design (level P) of roof steel structure 96 m in span for Hockey hall „Ice Castle“ in Belorecensk, region of Krasnodar, Russian Federation (D.Ostojić, B.Milosavljević, M.Spremić, J.Dobrić) 2014.
78. Preliminary and detailed design of steel structure for school building in Naryan-Mar, Russian Federation (Z. Marković, J.Dobrić) 2014.
79. Detail design of lattice support structure for pipe transport system in line from clinker hall to calciner tower in factory Lafarge, Beočin (Z. Marković, M. Spremić, J. Dobrić) 2014.
80. Detailed design of lattice antenna tower TS 36/30, 36 m high for wind speed 30 m/s according to Eurocode 3 (Z.Marković, M.Spremić, J.Dobrić, N. Gluhović) 2015.
81. Detailed design of lattice antenna tower TS 30/30, 30 m high for wind speed 30 m/s according to Eurocode 3 (Z.Marković, M.Spremić, J.Dobrić, N. Gluhović) 2015.
82. Detailed design of lattice antenna tower TS 36/23, 36 m high for wind speed 23 m/s according to Eurocode 3 (Z.Marković, M.Spremić, J.Dobrić, N. Gluhović) 2015.
83. Detailed design of lattice antenna tower TS 30/23, 30 m high for wind speed 23 m/s according to Eurocode 3 (Z.Marković, M.Spremić, J.Dobrić, N. Gluhović) 2015.
84. Detailed design of lattice antenna tower TS 30/35, 30 m high for wind speed 35 m/s according to Eurocode 3 (Z.Marković, M.Spremić, J.Dobrić, N. Gluhović) 2015.
85. Detailed design of lattice antenna tower TS 30/30, 30 m high for wind speed 30 m/s, with platform at the top of tower, according to Eurocode 3 (Z.Marković, M.Spremić, J.Dobrić, N. Gluhović) 2015.
86. Detailed design of lattice antenna tower TS 30/23, 30 m high for wind speed 23 m/s, with platform at the top of tower, according to Eurocode 3 (Z.Marković, M.Spremić, J.Dobrić, N. Gluhović) 2015.
87. Detailed design of lattice antenna tower TS 30/35, 30 m high for wind speed 35 m/s, with platform at the top of tower, according to Eurocode 3 (Z.Marković, M.Spremić, J.Dobrić, N. Gluhović) 2015.
88. Detail design, Restoration of steel stock structure M3 in thermal power plant Nikola Tesla A in Obrenovac (Z.Marković, M.Spremić, J.Dobrić, N. Fric, N. Gluhović, A. Filipović) 2016.
89. Preliminary and Detailed Design of tubular Wind Turbine steel tower structure Vestas V126, HH117 in wind farm „Košava“, Vršac (Z. Marković, M. Spremić, J. Dobrić) 2016.
90. Preliminary design of the reconstruction of steel construction of pedestrian bridge near the railway station in Kraljevo (Z.Marković, J.Dobrić, N. Gluhović, A. Filipović) 2016.
91. Project design of execution of the reconstruction of steel construction of pedestrian bridge near the railway station in Kraljevo (Z.Marković, J.Dobrić, N. Gluhović, A. Filipović) 2016.
92. Detailed design of pipeline bridge at the tailings „Valja Fundata“ Majdanpek (M.Spremić, J. Dobrić, D. Ostojić), 2016.
93. Preliminary and Detailed Design of tubular Wind Turbine steel tower structure Vestas V112 3MW HH 119 in wind farm „Košava“, Vršac (Z. Marković, M. Spremić, J. Dobrić), 2017.
94. Detailed design of road bridge in Srebrenica, Bosnia and Herzegovina (Z. Marković, M. Spremić, J. Dobrić, A. Filipović), 2017.
95. Detailed Design of tubular Wind Turbine steel tower structure General Electric GE 2,5-120 110 m HH in wind farm „Čibuk 1“, Kovin (Z. Marković, J. Dobrić, M. Spremić), 2018.
96. Project for the construction permit for building of Wind Park at location Kostolac, Structural project of steel tower wind turbine, (Z. Marković, J. Dobrić), 2018.
97. Project of the performed object of Wind Park Kovačica, Structural project of steel tower wind turbine, (Z. Marković, J. Dobrić), 2019.
98. Project of the performed object of Wind Park Košava, Structural project of steel tower wind turbine, (Z. Marković, M.Spremić, J. Dobrić), 2019.

CURRICULUM VITAE

99. Third award for the competition solution of the pedestrian bridge over the DTD in Novi Sad, Authors of structures, (M.Spremić, J. Dobrić), 2019.
100. Detailed design of stainless steel bearing structure for monumental sculpture “dr Zoran Đinđić” in Belgrade, (J. Dobrić, D. Buđevac, A. Filipović), 2019.
101. Project for the construction permit, Flue Gas Desulphurization Construction Project for TPP Nikola Tesla A, Gypsum and Limestone area - Stage 1, Mill Building – steel structure, (J. Dobrić), 2019.
102. Project for the construction permit, Flue Gas Desulphurization Construction Project for TPP Nikola Tesla A, Gypsum and Limestone area - Stage 1, Gypsum Storage Silo – steel structure, (J. Dobrić), 2019.
103. Design report on the control static calculation of the load-bearing steel structure of the main power plant of the Kostolac Thermal Power Plant B3 (GPO TEKOB3) according to SRPS EN codes, Z.Markovic, J. Dobrić, N.Gluhović, A. Filipović, 2019.
104. Design report on the load-bearing capacity and stability check of the steel structure of the Main Facility, continuation of construction Thermal Power Plant “Kolubara B”, Z.Markovic, J. Dobrić, M.Spremić, A. Filipović, I.Jakovljević, 2019.
105. Design report on the control static calculation of the load-bearing steel structure of the main power plant of the Kostolac Thermal Power Plant B3 (GPO TEKOB3) – project for execution - according to SRPS EN codes, Z.Markovic, J. Dobrić, 2021.

Technical review

1. Detailed design of steel structure recovery of crown boiler A1 in TE Nikola Tesla in Obrenovac (Z.Markovic, J. Dobrić) 2012.
2. Check design of temporary support columns of main steel dome structure of the building Louvre in Abu Dhabi (Z. Marković, M. Spremić, J. Dobrić, M. Pavlović, N. Gluhović) 2014.
3. Design check of earth retaining system - steel strutting system with waling beams and pipe struts, Khalidiya Plaza View Project (Z.Marković, M. Spremić, J.Dobrić)
4. Detailed design of restoration of multilevel car park „Obilicev venac“ in Belgrade (M. Spremić, J.Dobrić) 2015.
5. Detailed design of restoration of multilevel car park „Zeleni venac“ in Belgrade (M. Spremić, J.Dobrić) 2015.
6. Detailed design of restoration of multilevel car park „Aerodrom“ in Belgrade (M. Spremić, J.Dobrić) 2015.
7. Detailed design of bridge at the ski centre Kopaonik Serbia (J. Dobrić) 2017.