

Name Isidora Jakovljević  
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### Education

2017-2022 University of Belgrade, Faculty of Civil Engineering  
PhD in Structural Engineering  
2016-2017 University of Belgrade, Faculty of Civil Engineering  
MSc in Structural Engineering  
2012-2016 University of Belgrade, Faculty of Civil Engineering  
BSc in Structural Engineering

### Work Experience

2022-present University of Belgrade, Faculty of Civil Engineering, Chair of Materials and Structures  
Assistant professor  
2018-2022 University of Belgrade, Faculty of Civil Engineering, Chair of Materials and Structures  
Teaching assistant  
Sept-Oct 2016 BAM - Federal Institute for Materials Research and Testing, Berlin, Division 7.4 – Technology  
of Construction Materials  
Student internship  
Sept 2015 University of Exeter, Vibration Engineering Research Section  
Student internship

### Professional development

2019-2020 University of Belgrade  
Course EMI – English as a Medium of Instruction  
2018-2019 University of Belgrade  
Program TRAIN - Training and Research for Academic Newcomers  
August 2018 Bauhaus University, Weimar  
Bauhaus Summer School of Forecast Engineering  
March 2018 Slovak University of Technology, Bratislava  
4th Training School - Advances in Wind Energy Technology, COST Action TU1304

### Membership in Professional Bodies

- Member of Serbian Association of Structural Engineers (ASES)

### Participation in research projects

2018-2019 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)

**Awards**

- 2018 Award from the Serbian Association of Structural Engineers for the best scientific paper of young researchers
- 2017 Award from the Fund of prof. Branko Zarić for the best MSc thesis in the field of Steel structures
- 2017 Award for the best small-scale seismic-resistant building model at the 5<sup>th</sup> International Summer Conference of Civil Engineering Students, University of Osijek
- 2016 Award for the best student graduated at Faculty of Civil Engineering, University of Belgrade in 2016
- 2016 Award from the Fund of prof. Vladimir Korolija for the student with the highest average grade at the module Structural Engineering
- 2015 Award from the Fund of prof. Milan Đurić for the outstanding results in the Theory of Structures courses
- 2015-2017 Scholarship of the Fund for Young Talents of the Republic of Serbia “Dositeja”

**Language skills**

English (good)

**Software competences**

Abaqus, Sofistik, Autodesk Robot Structural Analysis, Tower, Autodesk AutoCAD, Matlab, OriginLab, MS Office

**List of selected publications****PhD thesis**

- Jakovljević, I. (2022) Demountable Shear Connections with Bolts and Welded Headed Studs in Steel-Concrete Composite Structures, University of Belgrade, Faculty of Civil Engineering, 2022

**Peer-reviewed Journal articles**

- Jakovljević, I., Spremić, M. and Marković, Z. (2023) Shear behaviour of demountable connections with bolts and headed studs. *Advanced Steel Construction*. 19 (4), pp.341-352. doi: 10.18057/IJASC.2023.19.4.3 [M23]
- Jakovljević, I., Spremić, M. and Marković, Z. (2023) Methods for Life Extension of Multi-Storey Car Park Buildings. *Structural Engineering International*. 33 (2), pp.314-324, doi: 10.1080/10168664.2022.2073318 [M23]
- Jakovljević, I., Spremić, M. and Marković, Z. (2021) Demountable composite steel-concrete floors: A state-of-the-art review. *Journal of the Croatian Association of Civil Engineers*. 73 (03), pp.249-263. doi: 10.14256/JCE.2932.2020 [M23]
- Jakovljević, I., Dobrić, J., Marković, Z. (2019) Flexural buckling of hot-finished and cold-formed elliptical hollow section columns: Numerical comparative analysis. *Građevinski materijali i konstrukcije*. 62 (2), pp.15-32. doi: 10.5937/GRMK1902015J [M24]
- Jakovljevic, I., Kovačević, S., Marković, N. (2018) Elastic critical load of plates and plate girders subjected to patch load. *Građevinski materijali i konstrukcije*. 61 (4), pp.55-67. doi: 10.5937/GRMK1804055J [M24]

**List of selected professional references**

- Basic design, Steel structure – Turbine hall and deaerator bunker bay, Power Plant “Kolubara B”, 2021
- Report on the design control of the Steel structure – Turbine hall and deaerator bunker bay, Power Plant “Kolubara B”, 2019

- Project for the construction permit, Steel structure - Recirculation pump building – C3-2HTD, FGD Construction Project for TTP Nikola Tesla A, 2019
- Basic design, Steel structure - Recirculation pump building – C3-2HTD, FGD Construction Project for TTP Nikola Tesla A, 2018