

Marko Radišić

Belgrade, Serbia
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Work Experience

- 2019–Present **Docent**, *Faculty of Civil Engineering*, University of Belgrade.
- 2011–2018 **Teaching Assistant**, *Faculty of Civil Engineering*, University of Belgrade.
The Chair of Engineering Mechanics and Theory of Structures
- Main subjects:
- Theory of Structures
 - Theory of Plates and Shells
- Other subjects:
- Matrix Structural Analysis
 - Finite Element Method
 - Application of Computer Programs in The Design of Structures
- 2007 **Student Demonstrator**, *Faculty of Civil Engineering*, University of Belgrade.
Subject: Informatics
- Realization of practical assignments in Informatics
(MS Windows, MS Word, MS Excel, Autodesk AutoCAD)

Technical Experience

Comfortable with

languages Mathworks Matlab, Python
technologies L^AT_EX, Git, Spacemacs, Arch Linux, SASSI2000, CSI SAP2000, Radimpex Tower

Have experience with

languages Pascal, C++, Visual Basic, Bash Scripting, Perl, Prolog, PHP, Javascript, HTML
technologies Emacs, Vim, Autodesk AutoCAD, Ubuntu, MS Windows, OSX

Education

- 2010–2018 **PhD**, *Faculty of Civil Engineering*, University of Belgrade, GPA 10/10.
thesis ITM-Based Dynamic Analysis of Foundations Resting on a Layered Halfspace
mentors Prof. Dr. Mira Petronijević, University of Belgrade
Univ.-Prof. Dr.-Ing. Gerhard Müller, Technical University of Munich
- 2010 **MSc**, *Faculty of Civil Engineering*, University of Belgrade, GPA 9.14/10.
thesis Application of Integral Transform Method for calculating soil displacements and stresses due to harmonic load
mentor Prof. Dr. Mira Petronijević, University of Belgrade
- 2005–2009 **BSc**, *Faculty of Civil Engineering*, University of Belgrade, GPA 8.83/10.
thesis Calculation of Impedance Functions of The Rectangular Foundations
mentor Prof. Dr. Mira Petronijević, University of Belgrade
- 2001–2005 **Gymnasium**, *Slobodan Škerović*, Podgorica, Montenegro.
Mathematical department
Awarded *Luča* degree for completing all 4 years with excellent grades
- 2001–2002 **Secondary Music School**, *Vasa Pavić*, Podgorica, Montenegro.
Instrumental department - violin
Successfully completed first year
- 1993–2001 **Elementary School**, *Savo Pejanović*, Podgorica, Montenegro.
Awarded *Luča* degree for completing all 8 years with excellent grades

1992–1999 **Primary Music School**, Vasa Pavić / Andre Navara, Podgorica, Montenegro.
Instrumental department - violin
Successfully completed all 7 grades (prep class + 6)
Alongside successfully completed 5 years of instrumental department - piano

Significant Publications

* List of all publications is given in Appendix

- 2017 Radišić, Marko, Mira Petronijević, and Gerhard Müller (2017). “Vibrations of Flexible Strip on Viscoelastic Halfspace”. In: *Procedia Engineering*. X International Conference on Structural Dynamics, EUROODYN 2017 199, pp. 2420–2425. ISSN: 1877-7058. DOI: 10.1016/j.proeng.2017.09.314. URL: <http://www.sciencedirect.com/science/article/pii/S1877705817337980>.
- 2014 Radišić, Marko, Gerhard Müller, and Mira Petronijević (July 2, 2014). “Impedance Matrix for Four Adjacent Rigid Surface Foundations”. In: *IX International Conference on Structural Dynamics - EUROODYN 2014*. EUROODYN. M33. Porto, Portugal, pp. 653–660. ISBN: 978-972-752-165-4.
- 2013 Petronijević, Mira, Marija Nefovska-Danilović, and Marko Radišić (2013). “Analysis of Frame Structure Vibrations Induced by Traffic”. In: *Građevinar - Journal of the Croatian Association of Civil Engineers* 65. M23, pp. 811–824. ISSN: 0350-2465.
- 2012 Radišić, Marko, Marija Nefovska-Danilović, and Mira Petronijević (2012). “Vertical Vibrations of 3D Structure Caused by Moving Load”. In: *Acta Tech. Napocensis: Civil Eng. & Arch.* 56.2. M51, pp. 15–26. ISSN: 1221-5848. URL: www.sens-group.ro/ce2012.

Participations and Awards

Professional

- 2017 Participated in X International Conference on Structural Dynamics, EUROODYN 2017, held in Rome, Italy
- 2014 Participated in IX International Conference on Structural Dynamics, EUROODYN 2014, held in Porto, Portugal
- 2012 Awarded *Best Paper Award* by the First International Conference for PhD students in Civil Engineering, CE-PhD 2012 held in Cluj-Napoca, Romania
- 2011-2014 **SEEFORM Scholarship.**
- Participated in SEEFORM Lecture and Progress seminars
 - Participated in SEEFORM Committee meetings as a speaker of doctoral candidates
 - Carried out 3× three-months research stays at the Technical University of Munich, Germany
- 2011 Awarded by SEEFORM (South Eastern European Graduate School for Master and Ph.D. Formation in Engineering) Ph.D. scholarship, sponsored by DAAD (Deutscher Akademischer Austausch Dienst)
- 2010 Carried out the professional practical work at the Technical University of Munich
- 2009, 2010 Participated in a joint Summer School of University of Belgrade Faculty of Civil Engineering and Technical University of Munich, held in Belgrade 3-11 October 2009/2010 entitled 'Vibrations of Structures due to Rail-Road Traffic', sponsored by DAAD

Skills

- 2013 Participated in the three-week Summer School of German Language at the Technical University of Munich, sponsored by DAAD
- 2011 Participated actively in the 2-day workshop Scientific Presentation held at Ruhr University Bochum, Germany

Elementary & High School

- 2005 Awarded 3rd place by the International Jury at the First Pilot Regional Competition for Young Talents in the area of Natural Sciences in Sofia, Bulgaria
- 1999–2004 Republic Competition of Montenegro Awards:
- 2004/2005, 1st place in the area of Informatics

- 2003/2004, 2nd place in the area of Informatics
- 2001/2002, 5th place in the area of Mathematics
- 2000/2001, 3rd place in the area of Mathematics
- 1999/2000, 1st place in the area of Mathematics

Languages

Serbian native

English good

Appendix

Publications

Journals

- 2013 Petronijević, Mira, Marija Nefovska-Danilović, and Marko Radišić (2013). “Analysis of Frame Structure Vibrations Induced by Traffic”. In: *Građevinar - Journal of the Croatian Association of Civil Engineers* 65. M23, pp. 811–824. ISSN: 0350-2465.

Conferences

- 2017 Radišić, Marko, Mira Petronijević, and Gerhard Müller (2017). “Vibrations of Flexible Strip on Viscoelastic Halfspace”. In: *Procedia Engineering*. X International Conference on Structural Dynamics, EURODDYN 2017 199, pp. 2420–2425. ISSN: 1877-7058. DOI: 10.1016/j.proeng.2017.09.314. URL: <http://www.sciencedirect.com/science/article/pii/S1877705817337980>.
- 2014 Petronijević, Mira, Miroslav Marjanović, Marko Radišić, Miloš Marjanović, and Marija Nefovska-Danilović (May 19, 2014a). “Comparative Seismic Analysis of RC Buildings Under Influence of Soil-Structure Interaction”. In: *Proceedings of the 4th International Conference Earthquake Engineering and Engineering Seismology*. International Conference Earthquake Engineering and Engineering Seismology. M33. Borsko jezero, Serbia: Savez građevinskih inženjera Srbije, pp. 343–352. ISBN: 978-86-88897-05-1.
- Petronijević, Mira, Dragan Kovačević, Miroslav Marjanović, Marko Radišić, and Miloš Marjanović (Sept. 24, 2014b). “Influence of Soil-Structure Interaction on The Seismic Response of RC Buildings”. In: *Zbornik Radova 14. Kongresa Društva Građevinskih Konstruktera Srbije*. Kongres Društva Građevinskih Konstruktera Srbije. M33. Novi Sad, Serbia: Društvo građevinskih konstruktera Srbije, pp. 165–174. ISBN: 978-86-85073-19-9.
- Radišić, Marko, Gerhard Müller, and Mira Petronijević (July 2, 2014). “Impedance Matrix for Four Adjacent Rigid Surface Foundations”. In: *IX International Conference on Structural Dynamics - EURODDYN 2014*. EURODDYN. M33. Porto, Portugal, pp. 653–660. ISBN: 978-972-752-165-4.
- 2013 Nefovska-Danilović, Marija, Mira Petronijević, and Marko Radišić (June 4, 2013). “Transverse Vibration of Plate with Edge Beams Using Spectral Element Method”. In: *Proceeding 4th International Congress of Serbian Society of Mechanics*. Congress of Serbian Society of Mechanics. M33. Vrnjačka Banja, Serbia, pp. 347–352. ISBN: 978-86-909973-5-0.
- Petronijević, Mira, Marko Radišić, and Marija Nefovska-Danilović (June 4, 2013). “Wave Propagation due to a Moving Load”. In: *Proceeding 4th International Congress of Serbian Society of Mechanics*. International Congress of Serbian Society of Mechanics. M33. Vrnjačka Banja, Serbia, pp. 615–620. ISBN: 978-86-909973-5-0.
- Petronijević, Mira, Marko Radišić, Marija Nefovska-Danilović, Đorđe Ladinović, Ranko Okuka, and Igor Džolev (2013). “Prediction of Traffic Induced Building Vibrations Using Transfer Functions”. In: *15th International Symposium of MASE*. International Symposium of MASE. M33. Struga, FYROM, ST-20F. ISBN: 9989-9785-1-9.
- 2012 Radišić, Marko (2012). “Calculation of Impedance Functions by Usage of Integral Transform Method”. In: *Građevinarstvo - Nauka i Praksa*. Građevinarstvo - Nauka i Praksa. M33. Žabljak, Crna Gora, pp. 305–312. ISBN: 978-86-82707-21-9.
- Radišić, Marko, Marija Nefovska-Danilović, and Mira Petronijević (Nov. 4, 2012). “Vertical Vibrations of 3D Structure Caused by Moving Load”. In: *First International Conference for PhD Students in Civil Engineering, CE-PhD 2012*. International Conference for PhD Students in Civil Engineering, CE-PhD. M33. Cluj-Napoca, Romania, pp. 177–183. ISBN: 978-973-757-710-8.
- 2011 Nefovska-Danilović, Marija, Marko Radišić, and Mira Petronijević (Aug. 5, 2011). “Analysis of Traffic Induced Building Vibrations Using Spectral Element Method”. In: *Third Serbian (28th Yu) Congress on Theoretical and Applied Mechanics*. Serbian Congress on Theoretical and Applied Mechanics. M33. Vlasina Lake, Serbia, pp. 956–974. ISBN: 978-86-909973-2-8.

Radišić, Marko, Marija Nefovska-Danilović, and Mira Petronijević (Aug. 5, 2011). “Application of Integral Transform Method to Calculate Impedance Functions”. In: *Third Serbian (28th Yu) Congress on Theoretical and Applied Mechanics*. Serbian Congress on Theoretical and Applied Mechanics. M33. Vlasina Lake, pp. 994–1006. ISBN: 978-86-909973-3-6.

Others

- 2017 Petronijević, Mira and Marko Radišić (2017). “Empirijski Modeli Za Predviđanje Vibracija”. In: *Vibracije Od Saobraćaja: Nastanak, Merenje, Predviđanje i Procena Njihovog Dejstva Na Objekte i Ljude*. M45. Beograd: Građevinski fakultet Univerziteta u Beogradu, Akademska misao, pp. 53–65. ISBN: 978-86-7466-704-0.
- Petronijević, Mira, Marija Nefovska-Danilović, Marko Radišić, and Dragan Kovačević (2017). “Numerički Modeli Za Predviđanje Vibracija”. In: *Vibracije Od Saobraćaja: Nastanak, Merenje, Predviđanje i Procena Njihovog Dejstva Na Objekte i Ljude*. M45. Beograd: Građevinski fakultet Univerziteta u Beogradu, Akademska misao, pp. 67–130. ISBN: 978-86-7466-704-0.
- 2016 Radišić, Marko and Mira Petronijević (Apr. 22, 2016). “Vertical Response of Adjacent Foundations on Layered Soil by ITM”. In: *4th International Conference - Contemporary Achievements in Civil Engineering*. Contemporary Achievements in Civil Engineering. M52. Subotica, Serbia: Građevinski fakultet Subotica, pp. 549–558. ISBN: 978-86-80297-63-7.
- 2012 Radišić, Marko, Marija Nefovska-Danilović, and Mira Petronijević (2012). “Vertical Vibrations of 3D Structure Caused by Moving Load”. In: *Acta Tech. Napocensis: Civil Eng. & Arch.* 56.2. M51, pp. 15–26. ISSN: 1221-5848. URL: www.sens-group.ro/ce2012.