

PERSONAL INFORMATION	Nebojša Bogojević			
	 76/III – 10, Vojvode Putnika, Kraljevo, 36000, Serbia Telephone number: +381 36 383 269 Mobile: +381 36 64 893 88 22 bogojevic.n@mfkv.kg.ac.rs Skype: bogojevic.n 			
	Sex Male Date of birth 19/03/1974 Nationality Serbian			
POSITION	Teacher in Railway Engineering			
WORK EXPERIENCE				
Replace with dates (from - to)	2015-present day Assistant Professor Faculty of mechanical and civil engineering Kraljevo, University of Kragujevac, Dositejeva 19, 3600 Kraljevo, Serbia • Professor for investigation of mechanical structures, Integral transport Business or sector Education			
Replace with dates (from - to)	2007-2015 Teaching assistant Faculty of mechanical and civil engineering Kraljevo, University of Kragujevac, Dositejeva 19, 3600 Kraljevo, Serbia • Teaching assistant for railway vehicle dynamics, investigation of mechanical structures, Integral transport Business or sector Education			
Replace with dates (from - to)	2001-207 Research engineer Faculty of mechanical and civil engineering Kraljevo, University of Kragujevac, Dositejeva 19, 3600 Kraljevo, Serbia • Railway vehicle dynamics, investigation of mechanical structures, Integral transport Business or sector Education			
EDUCATION AND TRAINING				
Replace with dates (from - to)	2007-2015 EQF level 8			
Type of qualification awarded Principal subject Name and type of organisation providing education	PhD in Mechanical Engineering Thesis: "Development of method for assessing the quality of simulations of dynamic behaviour of railway vehicles" Faculty of mechanical and civil engineering Kraljevo, University of Kragujevac			
Replace with dates (from - to) Type of qualification awarded Principal subject	2000-2007 EQF level 7 Master of Science Thesis: "Torsional rigidity of tri-axle freight rail vehicle for car transportation"			



Name and type of organisation providing education	Faculty of mechanica						
Replace with dates (from - to)	1993-1999	EQF level 6					
Type of qualification awarded	Mechanical Engir						
Principal subject	Constructor for Heavy						
Name and type of organisation providing education	Faculty of mechanical engineering Kraljevo, University of Kragujevac						
P	Faculty of mechanica	evo, University of Kra	gujevac				
PERSONAL SKILLS							
Mother tongue(s)	Serbian						
Other language(s)	UNDERSTANDING SPEAKING			WRITING			
	Listening	Reading	Spoken interaction	Spoken production			
English	B2	B2	B2	B2	B1		
Russian	A2	A2	A1	A1	A1		
	Levels: A1/2: Basic user - Common European Fram						
Communication skills	 good ability to adapt in multicultural environments, gained through my working experience in Industry and in university that has been dominated by internationally composed teams good communication skills gained through experience as teaching assistant 						
Organisational / managerial skills	 i was leader responsible for realisation one work package in international project good experience in project or team management, gained both through working experience in realisation four international and six national projects 						
Job-related skills	 good at following verbal as well as written communication experienced in work in multi-cultural environment gained in international project teams 						
Computer skills	I have good knowledge of: Additive manufacturing – SLS and DMLS technologies, FDM and FFF Technologies CAD tools like SolidWorks, AutoCAD CAM software – SolidCAM, ArtCAM Reverse engineering Software for railway vehicle modelling – Gensys FEM software – ANSYS Programing – Pascal, Matlab, etc, Microsoft Office ™ tools Familiar with Windows and Linux operating systems						
Other skills	 Sports-oriented: former active competitor in basketball 						
Driving licence	Replace with driving licence category: B						



ADDITIONAL INFORMATION

Publications

Papers published in international journals

- Nebojsa Bogojevic and Vojkan Lucanin, "The proposal of validation metrics for the assessment of the quality of simulations of the dynamic behaviour of railway vehicles", Proceedings of the Institution of Mechanical Engineers, Part F: Journal of Rail and Rapid Transit, Print ISSN: 0954-4097, Online ISSN: 2041-3017, 0(0) 1–13, Published online 15 October 2014, DOI: 10.1177/0954409714552700,M22 (74/130 mechanical Engineering Катагоризација према правилнику МНТ-а), IF(0.857)
- Zlatan Šoškić, Slobodanka Galović, Nebojša Bogojević, Slobodan Todosijević, "Static Component of Photothermal Response in Non-transparent Samples", Facta Univ. Ser.: Elec. Energ., vol. 25, No. 3, December 2012, pp. 213-224, doi: 10.2298/FUEE1203213S, M24

Papers published in national journals

- D. Petrović, Z. Šoškić, N. Bogojević, R. Rakanović "Work Regime of DDam Wagon Parabolic Springs", FME Transactions, Faculty of Mechanical Engineering, Belgrade, 2005, volume 33, page 129-133.
- Miroslav Vesković dipl.maš.ing, Đole Đokić dipl.maš.ing, prof dr Ranko Rakanović, docent dr Tomislav Simović, mr Nebojša Bogojević "Savremeni pristup serijskim ispitivanjima kočnice teretnih vagona", IMK 14 Istraživanje i razvoj, Godina XV, Broj (30-31),1-2/ 2009, UDK/UDC 629.463.087
- Bogojević Nebojša, Lučanin Vojkan, "Validation of a railway vehicle with three piece bogie", IMK 14 Research & Development, Volume 19, Number 3, page EN67 – EN 75, Volume 19, Number 3, UDC 621 ISSN 0354-6829
- Z. Soskic, J. Tomić, N. Bogojević, S. Ćirić Kostić, "Influence of Heavy Data Transmission Losses on Spectra of Signals", Applied Mechanics and Materials, Vol 430, pp. 125-134, Sep. 2013, DOI: 10.4028/www.scientific.net/AMM.430.125
- Zlatan Šoškić, Slobodanka Galović, Nebojša Bogojević, Slobodan Todosijević, "Static Component of Photothermal Response in Non-transparent Samples", Facta Univ. Ser.: Elec. Energ., vol. 25, No. 3, December 2012, pp. 213-224, DOI: 10.2298/FUEE1203213S
- Papers published on international conferences
- Z.Šoškic and N.Bogojević, "New generation of measurement system in investigations of heavy machinery structures", Proceedings of Third International Conference Heavy Machinery HM 99, Kraljevo 28-30. October 2002, 5.21
- Z.Šoškic and N.Bogojević, "Data processing Acording UIC 518: Eanos-z case-study", Proceedings of Forth International Conference Heavy Machinery HM 02, Kraljevo 28-30. June 2002, C.29-C.31 ISBN: 86-82631-15-6
- Z. Šoškic and N.Bogojevic, "Electronic cash loyalty system in railway transport applications", Proceedings of XIII International Conference "Transport 2003", Sofia 13 14.11.03. p.309-p.31
- Nebojša Bogojević, Zlatan Šoškić, Dragan Petrović, Ranko Rakanović "AN EXTENSION TO TORQUE RIGIDITY TEST METHODOLOGY" Proceedings of XIV International Conference "Transport 2004", Sofia 11-12.11.04 p245-p248, ISBN: 954-12-0104-0
- Zlatan Šoškić, Dragan Petrović, Ranko Rakanović, Nebojša Bogojević, "STATISTICAL ANALYSY OF FREIGHT WAGON SPRINGS STRESSES" Proceedings of XIV International Conference "Transport 2004", Sofia 11-12.11.04 p241-p243, ISBN: 954-12-0104-0
- Petrovic.D, Rakanovic.R, Šoškic.Z, Bogojevic.N, "Problem at exploatation of Ddam and FBD wagons, and sugestion for their resolutions", The fifth international conference Heavy Machinery HM 2005., Kraljevo, 28june - 3 july 2005. str. I.D.67-I.D.70., ISBN: 86-82631-28-8
- Bogojevic.N, Šoškic.Z, Petrovic.D, Rakanovic.R, "Torque rigidity for triple-axel wagons", The fifth international conference Heavy Machinery HM 2005., Kraljevo, 28june - 3 july 2005. str. I.D.71-I.D.74., ISBN: 86-82631-28-8
- Šoškic.Z, Petrovic.D, Bogojevic.N, Rakanovic.R, "Sugestion for development of sensors for mesurement of forces at wheel-rail contact", XV International Conference Transport 2005, 10-11 novembar, Sofija, Bugarska, str. VI.42-VI.45., ISBN: 954-12-0115-6
- Šoškić.Z, Petrović.Z, Bogojević.N, "An idea of application of Bloom's taxonomy on development of self-evaluation process for engineering studies", Sbornik dokladi na XVI mezhdunarodna nauchna konferencia "Transport 2006", 9-10. november 2006, Sofia 2006, p. XI.35-XI.38, ISBN-10: 954-12-0130-x, ISBN-13: 978-954-12-0130-5
- Ranko Rakanović, Dragan Petrović, Zlatan Šoškić, Nebojša Bogojević, "Improvement in Suspension Systems of Freight Wagons", Proceeedings of The Sixth International Triennial Conference "Heavy Machinery 2008", Kraljevo, 24-29 June 2008, p. C1-C.4 ISBN 978-86-82631-45-3
- Simović, T., Bogojević, N., "Transportation Policy, Ecology, Culture", Proceeedings of The Sixth International Triennial Conference "Heavy Machinery 2008", Kraljevo, 24-29 June 2008, p. C51-C.55 ISBN 978-86-82631-45-3
- Nebojša Bogojević, Zlatan Šoškić, Dragan Petrović, Ranko Rakanović, "Mathematical Model For Determination of Torsional Stiffness of Three-Axled Wagons", Proceeedings of The Sixth International Triennial Conference "Heavy Machinery 2008", Kraljevo, 24-29 June 2008, p. C45-C.50 ISBN 978-86-82631-45-3
- Šoškić, Z.Petrović, D., Bogojević, N., Rakanović, R.: "FP7 project SeRViCe-support to reinforcement of railwayresearch Potencial of Serbia", Proceedings of The Second International Railway Symposium "IRSTurkey '08", 14-17.10.2008., Istanbul, Turky, ISBN 978-605-4073-03-0
- Nebojša Bogojević, Zlatan Šoškić, Dragan Petrović, Ranko Rakanović, "Determination of torsional stiffness of wagons", XVIIIth Scientific conference with international participation "TRANSPORT 2008", 7th - 8th November 2008, Sofia 2008, p. VI.13-VI.18, article no:0279, ISSN:1312-3823
- Nebojša Bogojević, Zlatan Šoškić, "Vehicle design in function of safety and security of goods in railway transport", "Logistyka-Komunikacja-Bezpieczenstwo, Wybrane Problemy", p. 105, Wysza Szkoly Administracji i Biznesu im. Eugeniusza Kwiatkowskiego, ISBN 978-83-61505-04-4, Gdinya 2009.
- Nebojša Bogojević and Zlatan Šoškić, "Torsional rigidity of three-axled wagons", Programme and Abstract Book of 21st International Symposium on Dynamics on Roads and Tracks IAVSD '09, p. 346, Stockholm 2009. -



- Bogojevic N., Fragassa C., Pavlovic A., Soskic Z., "Torsional Stiffness of Multiple-Units Railway Vehicle with Linear and Symmetric Action of Suspension System", XIXth SCIENTIFIC CONFERENCE WITH INTERNATIONAL PARTICIPATION "TRANSPORT 2009", 6th - 7th November 2009, Sofia 2009, VI-56, article No: 0423, ISSN: 1312-3823
- Nebojša Bogojević, Per-Anders Jönnson, Sebastian Stichel "Validation of Model of the Wagon with Three-Piece Bogies for Iron Ore Transportation", Proceeedings of The Seventh International Triennial Conference "Heavy Machinery 2011", Kraljevo, 29 June – 2 July 2011, Vrnjacka Banja, No 1, 33-38, ISBN: 978-86-82631-58-3
- Bojan Tatić, Nebojša Bogojević, Zlatan Šoškić, Zoran Petrović "RAILWAY VEHICLES AS THE SOURCE OF THE NOISE IN THE URBAN AREAS", Proceeedings of The Seventh International Triennial Conference "Heavy Machinery-HM 2011", Vrnjačka Banja, June 29th - July 2nd 2011, No 6, p.71-80, ISBN: 978-86-82631-58-3
- Zlatan Šoškić, Snežana Ćirić Kostić, Nebojša Bogojević and Asti Radovani, "Determination of working regime during experimental investigations of rotational machines", Proceedings of The Seventh International Triennial Conference "Heavy Machinery-HM 2011", Vrnjačka Banja, June 29th - July 2nd 2011, No 4, p.75-80, ISBN: 978-86-82631-58-3-
- Nebojša Bogojević, Babette Dirks Sebastian Stichel, Per-Anders Jönnson, " DYNAMIC BEHAVIOUR OF FREIGHT WAGONS WITH THREE-PIECE BOGIE ON SWEDISH IRON ORE LINE", Programme and Abstract Book of 22st International Symposium on Dynamics on Roads and Tracks IAVSD '11, p. 42.4, Manchester 2011, England.
- Nebojša Bogojević, Snežana Ćirić Kostić, Aleksandar Vranić, Zlatan Šoškić, "Calculation of bandwith of a transducer for lateral force acting in wheelsets of railway vehicles", "Mechanics, Transport, Communications", issue 3, article No. 0576, p.VI-13 (2011), ISSN: 1312-3823
- Bojan Tatić, Nebojša Bogojević, Slobodan Todosijević, Zlatan Šoškić: "Analysis of noise level generated by helicopters with various numbers of blades in the main rotor", 23rd National and 4th International Conference "Noise and Vibrations", Niš 17-19. October 2012, pp. 249-253, ISBN 9 78 -86-6094-042-4
- Jelena Tomić, Nebojša Bogojević, Bojan Tatić, Zlatan Šoškić: "Design and implementation of on-line database of noise sources", 23rd National and 4th International Conference "Noise and Vibrations", Niš 17-19. October 2012, pp. 225-228, ISBN 978-86-6094-042-4
- Slobodan Todosijević, Zlatan Šoškić, Nebojša Bogojević, Dalibor Čevezović, Slobodanka Galović, "Optically induced changes on thin film surface temperature", Book of abstracts, The 3rd ICOM, August 2012, Belgrade, Serbia ,p.110 ISBN 978-86-7306-116-0
- Slobodan Todosijević, Zlatan Šoškić, Nebojša Bogojević, Dalibor Čevezović, Slobodanka Galović, ,, Effects of optical beam multiple reflections to phototermal response-correction factor ",Book of abstracts, The Eleventh Young Researchers' Conference Belgrade, Dcember 3- 5, 2 012, p. 68, ISBN9 78-86-7306-12-
- Bogojević N, Rakanović R, Petrović D, Šoškić Z, "A New Approach in Analytical Determination of Torsional Stiffness of Railway Wagons", IX-12- IX-14. 2007, Sofia, Bulgaria article No. 0153, p.VI-12 (2007), ISSN: 1312-3823
- Nebojša Bogojević, Vojkan Lučanin, Bojan Tatić, "Influence of wheel profiles on rolling contact fatigue and wear rate of railway wheels", 21st international scientific conference "Транспорт 2013",10-12 11. 2013, VI35-VI40, Sofia, Bulgaria
- eng. Nebojsa Bogojevic, MSc, "Optical systems for 3d scanning", Komunikacii, elektroenergetika i informatika v transporta - KIET 2012, 8-10.6.2012., Bansko, Bugarska
- Nebojša Bogojević, "Signal analysis techniques for rail vehicle model validation", Komunikacii, elektroenergetika i informatika v transporta - KIET 2014, 20-21.6.2014., Bansko, Bugarska
- S. Hossein Nia, P.A. Jönsson, S. Stichel, T. Nordmark & N. Bogojevic, "Can simulation help to find the sources of wheel damages? Investigation of rolling contact fatigue on the wheels of a three-piece bogie on the swedish iron ore line via multibody simulation considering extreme winter condition", 10th International Heavy Haul Association Conference, New Delhi, India February 4-6, 2013- M33
- Minak, G., Pantović, S., Bogojević, N., Ćirić-Kostić, S.: "Influence of a Building Parameters of the Accuracy of the Shape and Dimension of Parts Produced by SLS", Proceedings of 35th International Conference On Production Engineering, 2013., Kraljevo, Serbia- M33
- Nebojša Bogojević, Jelena Tomić, Slobodan Todosijević, "Validation of a railway vehicle model based on comparison of cumulative distribution functions", Proceedings of the 8th International Conference Heavy Machinery HM 2014, Zlatibor,24-26.06.2014, pp. F 69-76, ISBN 978-86-82631-74-3- M33
- Jelena Tomić, Zlatan Šoškić, Nebojša Bogojević, Slobodan Todosijević, "A simplified method for data processing of signals with heavy data transmission losses", Proceedings of the 8th International Conference Heavy Machinery HM 2014, Zlatibor, 24-26.06.2014, pp. G 55-59, ISBN 978-86-82631-74-3
- Jelena Tomić, Slobodan Todosijević, Nebojša Bogojević, Zlatan Šoškić, "Methodology for verification of software for noise attenuation calculation according to iso 9613-2 standard", Proceedings of the 24th International Conference Noise and Vibration, Niš 29-31, Oktober 2014, pp.27-32, ISBN 978-86-6093-062-2, pp. XI-20 - XI-26.
- Nebojša Bogojević, "Signal analysis techniques for rail vehicle model validation", Mechanics Transport Communications, volume 12, issue 3/2, 2014, article No 1021
- Nebojša Bogojević, Jelena Tomić, Slobodan Todosijević, "Validation of a Model of a Railway Vehicle Based on CFD Function Comparison", IMK-14 – Research & Development in Heavy Machinery 21(2015)1, EN53-60, UDC 621 ISSN 0354-6829
- Jelena Tomić, Slobodan Todosijević, Nebojša Bogojević, Zlatan Šoškić, "Methodology for verification of software for noise attenuation calculation according to iso 9613-2 standard", Proceedings of the 24th International Conference Noise and Vibration, Niš 29-31, Oktober 2014, pp.27-32, ISBN 978-86-6093-062-2, pp. XI-20 - XI-26.
- Nebojša Bogojević, Aleksandar Vranić, Snežana Ćirić Kostić, Zlatan Šoškić, "POTENTIALS OF MODAL SHIFT FOR GHG EMISSION REDUCTION ON THE CORRIDOR IV I. THE INNOVATIVE TRANSPORT ALTERNATIVES" Mechanics Transport Communications, volume 13, issue 3/2, article 1209. Page VII 1 – VII 7, 2015, ISSN 1312-3823 (print), ISSN 2367-6620 (online)



 Nebojša Bogojević, Bojan Tatić, Jelena Tomić, Zlatan Šoškić, "POTENTIALS OF MODAL SHIFT FOR GHG EMISSION REDUCTION ON THE CORRIDOR IV II. THE RESULTS AND DISCUSSION" Mechanics Transport Communications, volume 13, issue 3/2, article 1209. Page VII 8 – VII 15, 2015, ISSN 1312-3823 (print), ISSN 2367-6620 (online)

Projects

International projects

- Regional Socio-Economic Development Programme II (RSEDP2) project "Innovation Management for new Products (IMPuls)", Project No. 07SER01/13/51/23; CRIS No.2010/258-874, 1.3.2011-30.6.2013-Senior Manager (from 15.2.2013)
- CSA FP7 project "Strengthening Railway Vehicles Centre of Faculty of Mechanical Engineering Kraljevo -SeRViCe" a CSA project within FP7 program of the European Commission. 1st May 2008 – 30st Aprill 2011, Beneficiary: Faculty of mechanical Engineering Kraljevo, Dositejeva 19, 36000 Kraljevo Serbia, Project coordinator: prof. Ranko Rakanović, PhD, from 2009 prof Dragan Petrović. Coordinator of the work package WP5 – Partnership;
- SSA FP6 project "Regional Railway Transport Research and Training Centre Foundation"-acronym RRTC, Project No 015992, 1.9.2004-31.8.2006.
- ASO "CONcepts for life long learning to further increase SafeTy on rail based trANsporT systems CONSTANT", 1 June 2006 – 1 aug 2007, Coordinator: Todor Kableshkov Higher School of Transport (Todor Kableshkov VTU – University of Transport Applied Sciences)Sofia, Bulgaria, Project Partners:Partner 2:University of Natural Resources and Applied Life Sciences Department of Landscape, Spatial and Infrastructure Sciences Institute for Transport Studies Vienna, Austria, Partner 3: University POLITEHNICA, Bucharest, Romania, Partner 4: University of Kragujevac, Faculty of Mechanical Engineering Railway Vehicles Centre, Kraljevo, Serbia and Montenegro, Project Coordinator: Ms Margarita Georgieva.

National projects

- Technology development project of Ministry of Science and Technology of Republic of Serbia "Development of methodologies and means for noise protection of urban areas", area "Regulation, protection and usage of water, soil and air", project number TR37020, 2011-2014-project leader;
- Innovation project of Ministry of Science and Environment Protection of Republic of Serbia "Strengthening and preparation of wagon testing laboratory for accreditation-participant according European regulations", project number 14019, 2008-2010;
- Participant in technology development project of Ministry of Science and Environment Protection of Republic of Serbia "Improving suspension systems of freight wagons", project number 006313, 2005-2008-participant;
- Technology development project of Ministry of Science and Technology of Republic of Serbia "Development of loyalty system based on electronic cash", area "Development of software systems and components", project number 0092, 2002-2003-project leader;
- Technology development project of Ministry of Science and Technology of Republic of Serbia "Development of new product-Freight wagon with four axles with increased load weight" project number 0089, 2002-2005participant;
- Technology development project of Ministry of Science and Technology of Republic of Serbia "Design and development of traffic, transport and communication infrastructure of company for energy distribution control" project No 0088, 2002-2005-participant;

Patents

Patents

Ранко Ракановић, Љубиша Вујачић, Драган Петровић, Небојша Богојевић, "Уређај за заваривање лиснатих гибњева", Патентна пријава РС 11.07.2008. МП-2008/0068, Завод за интелектуалну својину, Република Србија, Београд, 2008, Патентна пријава објављена у "Гласнику интулектуалне својине" 6/08.

Technical solutions Technical solution

Zlatan Šoškić, Zoran Petrović, Branko Radičević i Nebojša Bogojević, "Softver za proračun lokalnih mapa buke", Tehničko rešenje odboreno prihvaćeno odlukom Naučno-nastavnog veća Fakulteta za mašinstvo i građevinarstvo br. 108/2 od 30.1.2013

Zoran Petrović, Branko Radičević, Nebojša Bogojević i Jelena Tomić, "Baza podataka o izvorima buke u urbanoj sredini", Tehničko rešenje odboreno prihvaćeno odlukom Naučno-nastavnog veća Fakulteta za mašinstvo i građevinarstvo br. 108/4 od 30.1.2013

Conferences

International conferences

- VIII International Conference "Heavy Machinery HM 2014", Zlatibor 25-27 June 2014
- The 23rd National and 4th International Conference Noise and Vibrations, Niš 17 19.10.2012
- The Seventh International Triennial Conference "Heavy Machinery-HM 2011", Vrnjačka Banja, June 29th July 2nd 2011
- XXII Conference Dynamics of Vehicles on Roads and Tracks IAVSD '12, Manchester Metropolitan University, Salford University and Loughborough University, UK, August 2011
- XXI Conference Dynamics of Vehicles on Roads and Tracks IAVSD '09, Stockholm, August 17-22, 2009
- The Sixth International Triennial Conference "Heavy Machinery 2008", Kraljevo, 24-29 June 2008.
- XVI mezhdunarodna nauchna konferencia "Transport 2006", 9-10. noemvri 2006, Sofia (Bulgaria)
- XV mezhdunarodna nauchna konferencia "Transport 2005", 10-11 noemvri 2005, Sofia (Bulgaria),
- The Fifth International Conference Heavy Machinery HM 2005, Kraljevo, 28 June-3 July, 2005.
- XIV mezhdunarodna nauchna konferencia "Transport 2004", 11-12 noemvri 2004, Sofia (Bulgaria),
- XIII mezhdunarodna nauchna konferencia "Transport 2003", 13-14 noemvri 2003. Sofia (Bulgaria)
- XII mezhdunarodna nauchna konferencia "Transport 2002", 14-15 noemvri 2002, Sofia (Bulgaria)



The Fourth International Conference Heavy Machinery HM 2002, Kraljevo, 28 30 June 2002
The Third International Conference Heavy Machinery HM 99, Kraljevo, 27 30 October 1999

Membership

Member of International Association for Vehicle System Dynamics