

Табела 9.1. Научне, уметничке и стручне квалификације наставника и задужења у настави

Име и презиме		Tatjana Šibaliја	
Звање		Redovni profesor	
Назив институције у којој наставник ради са пуним радним временом и од када		Metropolitan Univerzitet	
Ужа научна односно уметничка област		Inteligentna/digitalna proizvodnja; veštačka inteligencija; informacioni sistemi; modelovanje, projektovanje i optimizacija procesa; proizvodno mašinstvo	
Академска каријера			
	Година	Институција	Област
Избор у звање	26.09.2016.	Metropolitan Univerzitet	Informacioni sistemi Operacioni menadžment
Избор у звање	26.12.2013.	Metropolitan Univerzitet	Operacioni menadžment
Докторат	Novembar 2009.	Mašinski fakultet, Univerzitet u Beogradu	Proizvodno mašinstvo
Специјализација			
Магистратура	Jun 2005.	Mašinski fakultet, Univerzitet u Beogradu	Proizvodno mašinstvo
Диплома	Jun 1998.	Mašinski fakultet, Univerzitet u Beogradu	Proizvodno mašinstvo
Списак предмета које наставник држи			
Р.Б.	назив предмета	врста студија	
1.	IS360 Revizija i kontrola IT sistema	OAS Informacioni sistemi	
2.	IS330 Strategija i upravljanje informacionim sistemima	OAS Informacioni sistemi	
3.	OM110 Analiza i projektovanje poslovnih procesa	OAS Inženjerski i operacioni menadžment OAS Informacioni sistemi	
4.	OM410 Upravljanje poslovnim procesima	OAS Inženjerski i operacioni menadžment OAS Informacioni sistemi OAS Informacione tehnologije	
5.	IS505 Metodologija upravljanja poslovnim procesima	MAS Informacioni sistemi	
6.	CS655 Veštačka inteligencija	DS Softversko inženjerstvo	
7.	CS662 Eksperimentalno računarstvo	DS Softversko inženjerstvo	
8.	MG665 Metodologija strateškog planiranja razvoja proizvoda	DS Menadžment i razvoj	
Репрезентативне референце (минимално 5 не више од 10)			
1.	Sibaliја Tatjana, Majstorovic Vidosav (2016) The advanced multiresponse process optimisation. An intelligent and integrated approach , Hardcover ISBN 978-3-319-19254-3, eBook ISBN 978-3-319-19255-0, DOI 10.1007/978-3-319-19255-0, Springer International Publishing Switzerland)		
2.	Sibaliја Tatjana, Petronic Sanja, Majstorovic Vidosav, Milosavljevic Andjelka (2014) Modelling and optimisation of laser shock peening using an integrated simulated annealing-based method , International Journal of Advanced Manufacturing Technology, Vol. 73, Iss. 5-8, pp 1141-1158, Springer-Verlag London Ltd., DOI 10.1007/s00170-014-5917-1		
3.	Sanja Petronic, Tatjana Sibaliја, Meri Burzic, Suzana Polic, Katarina Colic, Dubravka Milovanovic (2016) Picosecond Laser Shock Peening of Nimonic 263 at 1064 nm and 532 nm Wavelength , Metals Vol. 6, Iss. 3, MDPI, Basel, Switzerland, DOI 10.3390/met6030041		
4.	Sibaliја Tatjana, Majstorovic Vidosav (2012) An integrated simulated annealing-based method for robust multiresponse process optimisation , International Journal of Advanced Manufacturing Technology 59(9-12), Vol. 59, Iss. 9-12, pp 1227-1244, Springer-Verlag London Ltd., DOI 10.1007/s00170-011-3572-3		
5.	Sibaliја Tatjana, Majstorovic Vidosav, Miljkovic Zoran (2011) An intelligent approach to robust multiresponse process design , International Journal of Production Research Vol. 49, Iss.17, pp. 5079-5097, Taylor & Francis Ltd, DOI 10.1080/00207543.2010.511476		

6.	Sibalija Tatjana, Majstorovic Vidosav (2012) An integrated approach to optimise parameter design of multi-response processes based on Taguchi method and artificial intelligence , Journal of Intelligent Manufacturing Vol. 23, Iss. 5, pp. 1511-1528, Springer US, DOI 10.1007/s10845-010-0451-y	
7.	Sibalija Tatjana, Petronic Sanja, Majstorovic Vidosav, Prokic-Cvetkovic Radica, Milosavljevic, Andjelka (2011) Multi-response design of Nd:YAG laser drilling of Ni-based superalloy sheets using Taguchi's quality loss function, multivariate statistical methods and artificial intelligence , International Journal of Advanced Manufacturing Technology, Vol. 54, Iss. 537-552, pp. 537–552, Springer-Verlag London Ltd., DOI 10.1007/s00170-010-2945-3	
8.	Šibalija, T., Majstorovic, V. (2009) Multi-response Optimisation of Thermosonic Copper Wire Bonding Process with correlated responses , International Journal of Advanced Manufacturing Technology 42, pp. 363-371, Springer London, doi: 10.1007/s00170-008-1595-1	
9.	Majstorovic V., Sibalija T. (2013) ‘ CAPP model for prismatic parts in digital manufacturing ’, in George L. Kovács and Detlef Kochan (Eds.): IFIP Advances in Information and Communication Technology, Digital Product and Process Development Systems, Springer, Volume 411/2013, pp. 190-204, DOI: 10.1007/978-3-642-41329-2	
10.	Šibalija T. (2013) Factory of the Future PPP Strategic Multi-Annual Roadmap 2013 , Key speaker, Invited paper, Factories of the Future for Thailand 2013 Conference, Bangkok. January 2013	
Збирни подаци научне, односно уметничке и стручне активности наставника		
Укупан број цитата	preko 350	
Укупан број радова са SCI (SSCI) листе	13	
Тренутно учешће на пројектима	Домаћи	Међународни 1
Усавршавања	Politecnico di Milano, Faculty of Mechanical Engineering, Milan, Italy (2007), Italian Government grant	
Други подаци које сматрате релевантним		
Међународни пројекти		
<ul style="list-style-type: none"> • Руквођење међународним пројектом – технички директор пројекта “<i>ICT-enabled Intelligent Manufacturing for 24 Kv Gas Insulated Switchgear</i>”, <i>Precise Corporation Co., Ltd., Bangkok</i>, Јун 2013 – Јун 2016 • Руквођење међународним пројектом – технички директор пројекта “<i>Industry 4.0 concept, infrastructure development, and implementation in Precise ltd.</i>”, <i>Precise Corporation Co., Ltd., Bangkok</i>, Јун 2016 -) • <i>Tempus project IB_JEP-41120- 2007 (RS) "Education and Training of Institutions in Quality Management and Metrology (ETIQUUM)"</i> - subproject “<i>Six sigma model and application</i>”, 2007-2009. 		
Међународне награде и признанја		
<ul style="list-style-type: none"> • Outstanding Reviewer for The TQM Journal, 2015 Emerald Literati Network Awards for Excellence. • Novum Quaels – годишња награда за допринос на пољу науке и технолошког развоја остварен у 2015.godini • “L.Romano Best Inventor Award“ (ST Worldwide Manufacturing Excellence) 2005 • “ST Microelectronics, Malta -Technological Award 2003“ 		
Чланство у комитетима међународних научних конференција		
<ul style="list-style-type: none"> • Member of the International Program Committee of the IEEE International Workshop on Metrology for Industry 4.0 and IoT, Brescia, Italy, 16-18 April 2018 • Member of the International Program Committee of the International Conference Innovation, Competitiveness and Sustainable Development, ICSD Belgrade 2017, Belgrade, Serbia, 25.May 2017 • Member of the International Program Committee of the 5th International Conference on Advanced Manufacturing Engineering and Technologies – NEWTECH 2017, Belgrade, 05.-09. Jun 2017 • Member of the International Program Committee of the International Conference on Design Research – ICDS 2016, Sanya, China, 02.-04. December 2016 • Member of the International Program Committee of the 2nd International Conference “MODERN METHODS OF TESTING AND EVALUATION IN SCIENCE”, Belgrade, Serbia, December 2016. • Member of the International Program Committee of the International Conference “Advanced Manufacturing as the Foundation for a Successful Society – Challenges and Opportunities for Advanced-industrialization of Serbia / Horizon 2020/2030”, Belgrade, Serbia, 31.May – 2.Jun 2016 • Member of the International Program Committee of the International Conference Innovation, Competitiveness and Sustainable Development, ICSD Belgrade 2016, Belgrade, Serbia, 25.May 2016 		

- Member of the International Program Committee of the International Conference on Advanced Technologies Enhancing Education - ICAT2E2017, Qingdao, China, 18.-20. March 2016
- Member of the International Program Committee of the 2nd International Conference "MODERN METHODS OF TESTING AND EVALUATION IN SCIENCE", Belgrade, Serbia, 14.December 2015.
- Member of the International Program Committee of International Conference on Electrical, Instrumentation and Control Engineering (EICE2014), Chicago, Illinois, USA, 24.-25. October 2014/
- Member of the International Program Committee of International Working Conference "Total Quality Management - Advanced and Intelligent Approaches", 2005, 2007, 2009, 2011, 2013, 2015 –
- Member of the International Program Committee of International Scientific Conference "International Convention on Quality UASQ" 2014, Belgrade, 2.-5. Jun 2014; "International Convention on Quality" 2012, Belgrade, 5.-7. Jun 2012
- President of International Program Committee of International Conference "Six Sigma" - within International Working Conference "Total Quality Management-Advanced and Intelligent Approaches", 2005, 2007, 2009, 2011, 2013 –
- Organiser and Chairman of work shop Manufuture EU - "ManuFuture Village", Belgrade, 2009, 2011, 2013, -
- Co-chairman of WS: "SMEs in transforming European economies", ManuFuture 2011 Conference: West and East Europe in global High Added Value Manufacturing, Wroclaw, 24.-25. October 2011

Članstvo u međunarodnim društvima i asocijacijama

- European Bank for Reconstruction and Development (EBRD), Registered advisor for for small and medium-sized enterprises, 2012 –
- European Technology Platform on Future Manufacturing Technologies - EU Manufuture Program, potpredsednik nacionalnog tima European Technology Platform Manufuture - EU, 2011 –
- EU Manufuture Program - South-East Europe Alliance for Manufacturing - SEAM Initiative - Manufuture Village, potpredsednik, 2011 –

Članstvo u nacionalnim društvima i asocijacijama

- Jedinstveno udruženje Srbije za kvalitet (JUSK), član glavnog odbora, 2009 –
- Naučno društvo za razvoj i afirmaciju novih tehnologija (NANT), član glavnog odbora, 2014 -

Član uređivačkog oadbora međunarodnog naučnog časopisa

- The TQM Journal", ISSN: 1754-2731, Emerald Group Publishing, 2016
- International Journal "Advanced Quality", (former International Journal "Total Quality Management & Excellence"), ISSN: 1452-0680 (print version), United Association of Serbia for Quality (YUSQ), 2012 –

Recenzije međunarodnih naučnih projekata

- Expert / advisor: evaluation of a progress of the project CAXMan - Computer Aided Technologies for Additive Manufacturing (2015-2018, H2020, grant agreement no. 680448); EUROPEAN COMMISSION, DG CONNECT
- Expert / advisor: evaluation of a progress of the project MOTOR - Multi-ObjecTive design Optimization of fluid eneRgy machines (2015-2018, H2020, grant agreement no. 678727); EUROPEAN COMMISSION, DG CONNECT
- Expert / advisor: evaluation of a progress of the project BEinCPPS - Business Experiment in Cyber Physical Production Systems (2016-2019, H2020, grant agreement no. 680633); EUROPEAN COMMISSION, DG CONNECT, Brussels 2016
- Expert / advisor: evaluation of a progress of the project Fortissimo 2 - Factories of the Future Resources, Technology, Infrastructure and Services for Simulation and Modelling 2 (2015-2018; Horizon2020, grant agreement no.680481); EUROPEAN COMMISSION, DG CONNECT
- Expert / advisor: evaluation of a progress of the project Fortissimo - Enabling Manufacturing SMEs to benefit from High Performance, Computer-based Simulations (2013-2016, FP7, grant agreement no. 609029); EUROPEAN COMMISSION, DG CONNECT
- Expert: H2020, Call: H2020-FoF-2016 (Horizon 2020, Factories of Future), EUROPEAN COMMISSION, DG CONNECT (Directorate General for Communications Networks, Content and Technology) / DG R&I (Directorate General for Research & Innovation), Brussels, 2016
- Expert: H2020, Call: H2020-FoF-2015 (Horizon 2020, Factories of Future), EUROPEAN COMMISSION, DG CONNECT (Directorate General for Communications Networks, Content and Technology) / DG R&I (Directorate General for Research & Innovation), Brussels, 2015 –
- M-ERA.NET- European research programmes in materials science and engineering, 2013, 2016 –
- Eureka / Eurostars Joint Programme, 2015, 2016, 2017 –
- Expert - referee: EURAMET – European Association of National Metrology Institutes, 2010, 2012, 2014, 2016, 2017 –
- COST 2013, 2015 – ; ERANETMED 2015 -; ERA.NET 2014 -

- Expert: FP7, Call: FP7-2013-NMP-ICT-FoF, Factories of Future (FoF.NMP.2013), EUROPEAN COMMISSION, RESEARCH DIRECTORATE GENERAL - Nanosciences, Nanotechnologies, Materials & New Production Technologies (NMP) / Information and Communication Technologies (ICT), Brussels, 2013 –
- Expert: FP7, Call: Factories of Future (FoF.NMP.2012), EUROPEAN COMMISSION, RESEARCH DIRECTORATE GENERAL - Nanosciences, Nanotechnologies, Materials & New Production Technologies (NMP) / Information and Communication Technologies (ICT), Brussels, 2011 -
- Expert: FP7, Call: Factories of Future (FoF.NMP.2011); EUROPEAN COMMISSION, RESEARCH DIRECTORATE GENERAL, Nanosciences, Nanotechnologies, Materials & New Production Technologies (NMP) / Information and Communication Technologies (ICT), Brussels, 2010 –
- Expert: FP7, Call: Factories of Future (FP7-2010-NMP-ICT-FoF); EUROPEAN COMMISSION, Information Society and Media DIRECTORATE GENERAL, Information and Communication Technologies (ICT), Brussels, 2009 –

Recenzije međunarodnih naučnih časopisa (SCI lista)

- ‘Journal of Intelligent Manufacturing’, ISSN:0956-5515 (print version), 1572-8145 (electronic version) Springer, 2008 –
- ‘International Journal of Production Research’, ISSN 0020-7543 (Print), 1366-588X (Online), Taylor & Francis, 2013 -
- ‘Engineering with Computers’, ISSN: 0177-0667 (Print), 1435-5663 (Online), Springer, 2016 -
- ‘Computers & Industrial Engineering’, ISSN: 0360-8352, Elsevier, 2015 -
- ‘IEEE Transactions on Fuzzy Systems’, ISSN: 1063-6706, [IEEE Computational Intelligence Society](#), 2015 -
- ‘International Journal of Advanced Manufacturing Technology’, ISSN: 0268-3768, Springer, 2016 -
- ‘Optics & Laser Technology’, ISSN: 0030-3992, Elsevier, 2014 -
- ‘Engineering Optimization’, ISSN: 0305-215X (Print), 1029-0273 (Online), Taylor & Francis, 2013 -
- ‘Robotics and Computer Integrated Manufacturing’, ISSN: 0736-5845, Elsevier, 2013 -
- ‘Neural Computing and Applications’, ISSN: 0941-0643 (print version), ISSN 1433-3058 (electronic version), Springer, 2010 –
- ‘Mathematical Problems in Engineering’, ISSN: 1024-123X (Print), ISSN: 1563-5147 (Online), Hindawi Publishing Corporation, 2012 -
- ‘Measurement’, Journal of the International Measurement Confederation ([IMEKO](#)), ISSN: 0263-2241, Elsevier, 2016 -
- ‘International Journal of Information Technology & Decision’, ISSN:0219-6220 (print version), ISSN: 1793-6845 (electronic version), World Scientific Publishing Co., 2010 –
- ‘Measuring Business Excellence’, ISSN: 1368-3047 (electronic version), Emerald Group Publishing Limited, 2010-
- ‘The TQM Journal’, Emerald, ISSN: 1754-2731, 2013 –