Табела. 9.6. Компетентност наставника

Име и презиме		Срђан Буквић		
Звање		Редовни професор		
Ужа научна област				
Академска каријера	Година	Институција	Област	Ужа научна односно уметничка област
Избор у звање	2010	Физички факултет	Физика	Физика Јон. гасова
Докторат	1992	Физички Факултет	Физика	Физика Јон.Гасова
Магистратура	1984	Физички Факултет	Физика	Физика Јон.Гасова
Мастер диплома	-			
Диплома	1979	Физички Факултет	Физика	Физика чврстог стања

Списак предмета које наставник држи на докторским студијама		
Р.Б.	**Ознака**	**Назив предмета**
1.	ФИЗДФЈП3	Дијагностика плазме
2.	ФИЗДФЈП4	Физика електричних гасних пражњења
3.	ФИЗДФЈП7	Интеракција плазме и ласера са површинама

Најзначајнији радови **у складу са захтевима допунских услова стандарда за дато поље (минимално 10 не више од 20)**		
1.	Dejan Dojic, Milos Skocic, Srdjan Bukvic, and Stevan Djenize. \Experi- mental Stark broadening parameters for singly ionized Molybdenum spec- tral lines in near UV". In: **JQSRT** (2020). doi: 10.1016/j.jqsrt.2020. 106997. **M21; IF5 2.883;IF 2.955**	P
2.	Dejan Dojic, Milos Skocic, Srdjan Bukvic, and Stevan Djenize. \Experi- mental Stark widths of Mo I and Mo II spectral lines in visible region". In: **Journal of Physics B Atomic Molecular Physics** 53 (2020). doi: https: //doi.org/10.1088/1361-6455/ab5547. **M22; IF5 1.778; IF 2.115**	
3.	Dejan Dojic, Milos Skocic, Srdjan Bukvic, and Stevan Djenize. \Stark broadening measurements of Al II, Al III and He I 388.86 nm spectral lines at high electron densities". In: **Spectrochimica Acta** 166, 105816 (2020), p. 105816. doi: 10.1016/j.sab.2020.105816. **M21; IF5 3.251; IF 3.101**	
4.	M. Skocic, D. Dojic, and S. Bukvic. \Consideration of optical time of ight measurement in laser induced plasmas". In: **Spectrochimica Acta**	

	165, 105786 (2020), p. 105786. doi: 10.1016/j.sab.2020.105786. **M21; IF5 3.251; IF 3.101**	
5.	] Dejan Dojic, Milos Skocic, Srdjan Bukvic, and Stevan Djenize. \Stark broadening and shift of selected Ge II spectral lines". In: **MNRAS** 484.3 (2019), pp. 3419{3424. doi: 10.1093/mnras/stz251. **M21; IF5 4.986; IF 5.231**	
6.	M. Burger, M. Skocic, and S. Bukvic. \Study of self-absorption in laser induced breakdown spectroscopy". In: **Spectrochimica Acta** 101 (2014), pp. 51{56. doi: 10.1016/j.sab.2014.07.007. **M21; IF5 3.127; IF 3.176**	
7.	Dj.Spasojević, **S.Bukvić**, S.Milosević and E.Stanley Stydy of the Burkhausen noise, Elementary signals, Power laws and Scaling Relations Phys.Rev. E Vol. 54 p.2531, (1996)	
8.	S.Djeniže, **S.Bukvić**, A.Srećković Bowen fluorescence, Stark broadening and transition probabilities in the O III spectrum The Astrophysical Journal supplement series, 151 (2), 399, (2004) **M21a; IF 15.31**	
9.	M. Skčić, M. Burger, Z. Nikolić, S. Bukvić, and S. Djeniže. \Stark broad-ening in the laser-induced Cu I and Cu II spectra". In: Journal of Physics B Atomic Molecular Physics 46.18, 185701 (2013), p. 185701. doi: 10. 1088/0953-4075/46/18/185701.	
10.	S. Bukvić, S. Djeniže, Z. Nikolić, and A. Srečković. \Experimental Stark widths in the Pb IV and Pb V spectra". In: A&A 529, A83 (2011), A83. doi: 10.1051/0004-6361/201116496.	

Збирни подаци научне активност наставника		
Укупан број цитата, без аутоцитата	Oko 500	
Укупан број радова са SCI (или SSCI) листе	59	
Тренутно учешће на пројектима	Домаћи ОН 171008	Међународни
Усавршавања		
Други подаци које сматрате релевантним		
Максимална дужине не сме бити већа од 1 странице А4		

Table. 9.6 Teachers' competences

Name and family name		Srdjan Bukvic		
Title		Full Time Professor		
Narrow scientific area				
Academic career	Year	Institution	Area	Narrow scientific or art area
Election to the title	2010	Faculty of physics	Physics	Physics of ionized gases
PhD	1992	Faculty of physics	Physics	Physics of ionized gases
Master degree	1984	Faculty of physics	Physics	Physics of ionized gases
Master diploma	-			
Diploma	1979	Faculty of physics	Physics	Solid State Physics

List of subjects the teacher is lecturing in doctoral studies		
No.	**Mark**	**Subject name**
1.	ФИЗДФЈП3	Plasma Diagnostics
2.	ФИЗДФЈП4	Physics of electric discharges
3.	ФИЗДФЈП7	Interaction of plasma and lasers with silid surfaceses

The most significant papers, in compliance with the requirements of the additional requirements of the standard for the given field **(minimum 10, not more than 20)**		
1.	Dejan Dojic, Milos Skocic, Srdjan Bukvic, and Stevan Djenize. \Experi- mental Stark broadening parameters for singly ionized Molybdenum spec- tral lines in near UV". In: **JQSRT** (2020). doi: 10.1016/j.jqsrt.2020. 106997. **M21; IF5 2.883;IF 2.955**	R
2.	Dejan Dojic, Milos Skocic, Srdjan Bukvic, and Stevan Djenize. \Experi- mental Stark widths of Mo I and Mo II spectral lines in visible region". In: **Journal of Physics B Atomic Molecular**	

	Physics 53 (2020). doi: https: //doi.org/10.1088/1361-6455/ab5547. **M22; IF5 1.778; IF 2.115**	
3.	Dejan Dojic, Milos Skocic, Srdjan Bukvic, and Stevan Djenize. \Stark broadening measurements of Al II, Al III and He I 388.86 nm spectral lines at high electron densities". In: **Spectrochimica Acta** 166, 105816 (2020), p. 105816. doi: 10.1016/j.sab.2020.105816. **M21; IF5 3.251; IF 3.101**	
4.	M. Skocic, D. Dojic, and S. Bukvic. \Consideration of optical time of ight measurement in laser induced plasmas". In: **Spectrochimica Acta** 165, 105786 (2020), p. 105786. doi: 10.1016/j.sab.2020.105786. **M21; IF5 3.251; IF 3.101**	
5.	] Dejan Dojic, Milos Skocic, Srdjan Bukvic, and Stevan Djenize. \Stark broadening and shift of selected Ge II spectral lines". In: **MNRAS** 484.3 (2019), pp. 3419{3424. doi: 10.1093/mnras/stz251. **M21; IF5 4.986; IF 5.231**	
6.	M. Burger, M. Skocic, and S. Bukvic. \Study of self-absorption in laser induced breakdown spectroscopy". In: **Spectrochimica Acta** 101 (2014), pp. 51{56. doi: 10.1016/j.sab.2014.07.007. **M21; IF5 3.127; IF 3.176**	
7.	Dj.Spasojević, **S.Bukvić**, S.Milosević and E.Stanley Stydy of the Burkhausen noise, Elementary signals, Power laws and Scaling Relations Phys.Rev. E Vol. 54 p.2531, (1996)	
8.	S.Djeniže, **S.Bukvić**, A.Srećković Bowen fluorescence, Stark broadening and transition probabilities in the O III spectrum The Astrophysical Journal supplement series, 151 (2), 399, (2004) **M21a; IF 15.31**	
9.	M. Skčić, M. Burger, Z. Nikolić, S. Bukvić, and S. Djeniže. \Stark broadening in the laser-induced Cu I and Cu II spectra". In: Journal of Physics B Atomic Molecular Physics 46.18, 185701 (2013), p. 185701. doi: 10. 1088/0953-4075/46/18/185701.	
10.	S. Bukvić, S. Djeniže, Z. Nikolić, and	

	A. Srečković. \Experimental Stark widths in the Pb IV and Pb V spectra". In: A&A 529, A83 (2011), A83. doi: 10.1051/0004-6361/201116496.		
Cumulative data of scientific activity of the teacher			
Total number of citations, without self citations		500	
Total number of papers on the SCI (or SSCI) list		59	
Current participation in projects		Domestic ON171008	International
specialization			
Other information you consider to be important			
Maximum length may not be over 1 A4 page			