

**Табела. 9.6. Компетентност наставника**

<b>Име и презиме</b>		Иван Белча		
<b>Звање</b>		редовни професор		
<b>Ужа научна област</b>		Универзитет у Београду Физички факултет		
<b>Академска каријера</b>	Година	Институција	Област	Ужа научна односно уметничка област
Избор у звање	2015	Физички факултет	физика	примењена физика
Докторат	2000	Физички факултет	физика	примењена физика
Магистратура	1995	Физички факултет	физика	примењена физика
Мастер диплома				
Диплома	1989	Физички факултет	физика	примењена физика
<b>Списак предмета које наставник држи на докторским студијама</b>				
<b>Р.Б.</b>	<b>Ознака</b>	<b>Назив предмета</b>		
1.	ФИЗДФПФ8	Пирометарски системи и безконтактне методе мерења температуре		
2.	ФИЗДФПФ3	Изабрана поглавља примењене физике		
3.	ФИЗДФПФ7	Пројектовање оптичких система		
<b>Најзначајнији радови у складу са захтевима допунских услова стандарда за дато поље (минимално 10 не више од 20)</b>				
	Kasalica, B., Petković-Benazzouz, M., Sarvan, M., Belča, I., Maksimović, B., Misailović, B., Popović, Z. Mechanisms of plasma electrolytic oxidation of aluminum at the multi-hour timescales (2020) Surface and Coatings Technology, 390, art. no. 125681		P	
	Lukovic, M., Vivic, M., Popovic, Z., Zekovic, L., Kasalica, B., Belca, I. Two-color pyrometer-based method for measuring temperature profiles and attenuation coefficients in a coal power plant (2018) Combustion Science and Technology, 190 (11), pp. 2018-2029.			
	Lukovic, M., Lukovic, V., Belca, I., Kasalica, B., Stanimirovic, I., Vivic, M. LED-based Vis-NIR spectrally tunable light source - the optimization algorithm (2016) Journal of the European Optical Society, 12 (1), art. no. 19			
	Kasalica, B., Radić-Perić, J., Perić, M., Petković-Benazzouz, M., Belča, I., Sarvan, M.; The mechanism of evolution of microdischarges at the beginning of the PEO process on aluminum; (2016) Surface and Coatings Technology, 298, pp. 24-32.			
	Stojadinović, S., Vasilic, R., Petković, M., Kasalica, B., Belča, I., Žekić, A., Zeković, L.; Characterization of the plasma electrolytic oxidation of titanium in sodium metasilicate (2013) ;Applied Surface Science, 265, pp. 226-233.			
	Bozovic, I., Logvenov, G., Belca, I., Narimbetov, B., Sveklo, I.; Epitaxial strain and superconductivity in La2-SrxCuO4 thin films; (2002) Physical Review Letters, 89 (10), art. no. 107001. pp. 1070011-1070014.			
	Belca, I., Kasalica, B., Zekovic, L., Jovanic, B., Vasilic, R.; Galvanoluminescence spectra of porous oxide layers formed by aluminum anodization in oxalic acid (1999); Electrochimica Acta, 45 (6), pp. 993-996.			
	Radović, M., Dohčević-Mitrović, Z., Paunović, N., Bošković, S., Tomić, N., Tadić, N., Belča, I.; Infrared study of plasmon-phonon coupling in pure and Nd-			

	doped CeO <sub>2</sub> -y nanocrystals (2015) Journal of Physics D: Applied Physics, 48 (6), art. no. 065301	
	Sarvan, M., Radić-Perić, J., Kasalica, B., Belča, I., Stojadinović, S., Perić, M. Investigation of long-duration plasma electrolytic oxidation of aluminum by means of optical spectroscopy (2014) Surface and Coatings Technology, 254, pp. 270-276.	
	Kasalica, B., Stojadinović, S., Belča, I., Sarvan, M., Zeković, L., Radić-Perić, J. The anomalous sodium doublet D <sub>2</sub> /D <sub>1</sub> spectral line intensity ratio - A manifestation of CCD's presaturation effect(2013) Journal of Analytical Atomic Spectrometry, 28 (1), pp. 92-97.	
<b>Збирни подаци научне активност наставника</b>		
Укупан број цитата, без аутоцитата	1024	
Укупан број радова са SCI (или SSCI) листе	41	
Тренутно учешће на пројектима	Домаћи	Међународни
Усавршавања	постдок: OXXEL GmbH, Technologiepark Universitaet, Bremen (2001.)	
Други подаци које сматрате релевантним		
Максимална дужине не сме бити већа од 1 странице А4		

**Table. 9.6** Teachers' competences

<b>Name and family name</b>		Ivan Belča		
<b>Title</b>		full professor		
<b>Narrow scientific area</b>		Physics		
<b>Academic career</b>	Year	Institution	Area	Narrow scientific or art area
Election to the title	2015	Faculty of physics	physics	Applied physics
PhD	2000	Faculty of physics	physics	Applied physics
Master degree	1995	Faculty of physics	physics	Applied physics
Master diploma				
Diploma	1989	Faculty of physics	physics	Applied physics
<b>List of subjects the teacher is lecturing in doctoral studies</b>				
<b>No.</b>	<b>Mark</b>	<b>Subject name</b>		
1.	ФИЗДФПФ8	Pyrometric systems and noncontact methods of temperature measurement		
2.	ФИЗДФПФ3	Selected fields of applied physics		
3.	ФИЗДФПФ7	Design of optical systems		
The most significant papers, in compliance with the requirements of the additional requirements of the standard for the given field ( <b>minimum 10, not more than 20</b> )				
		Kasalica, B., Petković-Benazzouz, M., Sarvan, M., Belča, I., Maksimović, B., Misailović, B., Popović, Z. Mechanisms of plasma electrolytic oxidation of	R	

	aluminum at the multi-hour timescales (2020) Surface and Coatings Technology, 390, art. no. 125681	
	Lukovic, M., Vicic, M., Popovic, Z., Zekovic, L., Kasalica, B., Belca, I. Two-color pyrometer-based method for measuring temperature profiles and attenuation coefficients in a coal power plant (2018) Combustion Science and Technology, 190 (11), pp. 2018-2029.	
	Lukovic, M., Lukovic, V., Belca, I., Kasalica, B., Stanimirovic, I., Vicic, M. LED-based Vis-NIR spectrally tunable light source - the optimization algorithm (2016) Journal of the European Optical Society, 12 (1), art. no. 19	
	Kasalica, B., Radić-Perić, J., Perić, M., Petković-Benazzouz, M., Belča, I., Sarvan, M.; The mechanism of evolution of microdischarges at the beginning of the PEO process on aluminum; (2016) Surface and Coatings Technology, 298, pp. 24-32.	
	Stojadinović, S., Vasilčić, R., Petković, M., Kasalica, B., Belča, I., Žekić, A., Zeković, L.; Characterization of the plasma electrolytic oxidation of titanium in sodium metasilicate (2013) Applied Surface Science, 265, pp. 226-233.	
	Bozovic, I., Logvenov, G., Belca, I., Narimbetov, B., Sveklo, I.; Epitaxial strain and superconductivity in La <sub>2</sub> -Sr <sub>x</sub> CuO <sub>4</sub> thin films; (2002) Physical Review Letters, 89 (10), art. no. 107001, pp. 107001-1070014.	
	Belca, I., Kasalica, B., Zekovic, L., Jovanic, B., Vasilic, R.; Galvanoluminescence spectra of porous oxide layers formed by aluminum anodization in oxalic acid (1999); Electrochimica Acta, 45 (6), pp. 993-996.	
	Radović, M., Dohčević-Mitrović, Z., Paunović, N., Bošković, S., Tomić, N., Tadić, N., Belča, I.; Infrared study of plasmon-phonon coupling in pure and Nd-doped CeO <sub>2-y</sub> nanocrystals (2015) Journal of Physics D: Applied Physics, 48 (6), art. no. 065301	
	Sarvan, M., Radić-Perić, J., Kasalica, B., Belča, I., Stojadinović, S., Perić, M. Investigation of long-duration plasma electrolytic oxidation of aluminum by means of optical spectroscopy (2014) Surface and Coatings Technology, 254, pp. 270-276.	
	Kasalica, B., Stojadinović, S., Belča, I., Sarvan, M., Zeković, L., Radić-Perić, J. The anomalous sodium doublet D <sub>2</sub> /D <sub>1</sub> spectral line intensity ratio - A manifestation of CCD's presaturation effect (2013) Journal of Analytical Atomic Spectrometry, 28 (1), pp. 92-97.	
<b>Cumulative data of scientific activity of the teacher</b>		
Total number of citations, without self citations	1024	
Total number of papers on the SCI (or SSCI) list	41	
Current participation in projects	Domestic	International
specialization	Postdoc: OXXEL GmbH, Technologiepark Universitaet, Bremen (2001.)	
Other information you consider to be important		
Maximum length may not be over 1 A4 page		