

**Табела. 9.6.** Компетентност наставника

<b>Име и презиме</b>		Зоран П. Поповић		
<b>Звање</b>		Доцент		
<b>Ужа научна област</b>		Квантна и математичка физика		
<b>Академска каријера</b>	Година	Институција	Област	Ужа научна односно уметничка област
Избор у звање	доцент 2021.	Физички факултет Универзитет у Београду	Физика	Квантна и математичка физика
Докторат	2014.	Физички факултет Универзитет у Београду	Физика	Квантна и математичка физика
Магистратура	-			
Мастер диплома	-			
Диплома	2005.	Физички факултет Универзитет у Београду	Физика	Квантна и математичка физика
<b>Списак предмета које наставник држи на докторским студијама</b>				
<b>Р.Б.</b>	<b>Ознака</b>	<b>Назив предмета</b>		
1.	ФИЗДФКН5	Геометријски методи физике		
2.	ФИЗДФКН9	Квантна механика сложених система		
3.	ФИЗДФКН8	Физика наноструктура		
<b>Најзначајнији радови у складу са захтевима допунских услова стандарда за дато поље (минимално 10 не више од 20)</b>				
1	I. Milošević, Z. P. Popović and M. Damnjanović, Conductivity of pentaheptide and mechanically deformed carbon nanotubes, <i>Material Science and Engineering B</i> <b>176</b> , 494 (2011).			M21
2	I. Milošević, Z. P. Popović and M. Damnjanović, Structure and stability of coiled carbon nanotubes, <i>Phys. Stat. Sol. (b)</i> <b>249</b> , 2442 (2012).			M23
3	S. Dmitrović, T. Vuković, Z. P. Popović, I. Milošević, M. Damnjanović, Mechanical coupling in homogeneously deformed single-wall carbon nanotubes, <i>J. Phys.: Condens Matter.</i> <b>25</b> , 145301 (2013).			M22
4	Z. P. Popović, M. Damnjanović and I. Milošević, Anisotropy of thermal expansion of helically coiled carbon nanotubes, <i>Phys. Stat. Sol. (b)</i> <b>250</b> , 2535 (2013).			M23
5	S. Dmitrović, Z. P. Popović, M. Damnjanović and I. I. Milošević, Structural model of semi-metallic carbon nanotubes, <i>Phys. Stat. Sol. (b)</i> <b>250</b> , 2627 (2013).			M23
6	Z. P. Popović, M. Damnjanović and I. Milošević, Phonon transport in helically coiled carbon nanotubes, <i>Carbon</i> <b>77</b> , 281 (2014).			M21a
7	Z. P. Popović, I. Milošević and M. Damnjanović, Crossover from ballistic to diffusive thermal conductance in helically coiled carbon nanotubes, <i>Phys. Stat. Sol. (b)</i> <b>251</b> , 2401 (2014).			M23
8	B. Nikolić, Z. P. Popović, I. Milošević and M. Damnjanović, Rigid-Unit Modes in Layers and Nanotubes, <i>Phys. Stat. Sol. (b)</i> <b>255</b> , 1800196 (2018).			M23
9	Z. P. Popović, B. Nikolić, I. Milošević and M. Damnjanović, Symmetry of rigid-layer modes: Raman and infrared activity, <i>Physica E: Low-dimensional Systems and Nanostructures</i> <b>114</b> , 113613 (2019).			M22
10	I. Milošević, Z. P. Popović, B. Nikolić, M. Damnjanović, Electronic Band Topology of Monoclinic MoS <sub>2</sub> Monolayer: Study Based on Elementary Band Representations for Layer Groups, <i>PSS Rapid Research Letter</i> <b>14</b> , 12 (2020).			M21
<b>Збирни подаци научне активност наставника</b>				
Укупан број цитата, без аутоцитата				28
Укупан број радова са SCI (или SSCI) листе				19
Тренутно учешће на пројектима		Домаћи		Међународни 1
Усавршавања : Technical University, Berlin, Germany, 2012.				
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>		Zoran P. Popović		
<b>Title</b>		Assistant professor		
<b>Narrow scientific area</b>		Quantum and mathematical physics		
<b>Academic career</b>	Year	Institution	Area	Narrow scientific or art area
Election to the title	2021.	Physics faculty Belgrade university	Physics	Quantum and mathematical physics
PhD	2014.	Physics faculty Belgrade university	Physics	Quantum and mathematical physics
Master degree		-		
Master diploma		-		
Diploma	2005.	Physics faculty Belgrade university	Physics	Quantum and mathematical physics
<b>List of subjects the teacher is lecturing in doctoral studies</b>				
<b>No.</b>	<b>Mark</b>	<b>Subject name</b>		
1.	ФИЗДФКН5	Geometrical methods in physics		
2.	ФИЗДФКН9	Quantum mechanics of complex system		
3.	ФИЗДФКН8	Physics of nanostructures		
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> )				
				R
1	I. Milošević, Z. P. Popović and M. Damnjanović, Conductivity of pentaheptide and mechanically deformed carbon nanotubes, <i>Material Science and Engineering B</i> <b>176</b> , 494 (2011).			M21
2	I. Milošević, Z. P. Popović and M. Damnjanović, Structure and stability of coiled carbon nanotubes, <i>Phys. Stat. Sol. (b)</i> <b>249</b> , 2442 (2012).			M23
3	S. Dmitrović, T. Vuković, Z. P. Popović, I. Milošević, M. Damnjanović, Mechanical coupling in homogeneously deformed single-wall carbon nanotubes, <i>J. Phys.: Condens Matter.</i> <b>25</b> , 145301 (2013).			M22
4	Z. P. Popović, M. Damnjanović and I. Milošević, Anisotropy of thermal expansion of helically coiled carbon nanotubes, <i>Phys. Stat. Sol. (b)</i> <b>250</b> , 2535 (2013).			M23
5	S. Dmitrović, Z. P. Popović, M. Damnjanović and I. I. Milošević, Structural model of semi-metallic carbon nanotubes, <i>Phys. Stat. Sol. (b)</i> <b>250</b> , 2627 (2013).			M23
6	Z. P. Popović, M. Damnjanović and I. Milošević, Phonon transport in helically coiled carbon nanotubes, <i>Carbon</i> <b>77</b> , 281 (2014).			M21a
7	Z. P. Popović, I. Milošević and M. Damnjanović, Crossover from ballistic to diffusive thermal conductance in helically coiled carbon nanotubes, <i>Phys. Stat. Sol. (b)</i> <b>251</b> , 2401 (2014).			M23
8	B. Nikolić, Z. P. Popović, I. Milošević and M. Damnjanović, Rigid-Unit Modes in Layers and Nanotubes, <i>Phys. Stat. Sol. (b)</i> <b>255</b> , 1800196 (2018).			M23
9	Z. P. Popović, B. Nikolić, I. Milošević and M. Damnjanović, Symmetry of rigid-layer modes: Raman and infrared activity, <i>Physica E: Low-dimensional Systems and Nanostructures</i> <b>114</b> , 113613 (2019).			M22
10	I. Milošević, Z. P. Popović, B. Nikolić, M. Damnjanović, Electronic Band Topology of Monoclinic MoS <sub>2</sub> Monolayer: Study Based on Elementary Band Representations for Layer Groups, <i>PSS Rapid Research Letter</i> <b>14</b> , 12 (2020).			M21
<b>Cumulative data of scientific activity of the teacher</b>				
Total number of citations, without self citations			28	
Total number of papers on the SCI (or SSCI) list			19	
Current participation in projects			Domestic	International 1
Specialization: Technical University, Berlin, Germany, 2012.				
Other information you consider to be important				
h may not be over 1 A4 page				