

**Табела. 9.8** Компетентност ментора

<b>Име и презиме</b>		Стеван Стојадиновић		
<b>Звање</b>		Редовни професор		
<b>Ужа научна, уметничка односно стручна област</b>		Примењена физика		
<b>Академска каријера</b>	Година	Институција	Ужа научна, уметничка односно стручна област	
Избор у звање	2017	Физички Факултет Универзитета у Београду	Примењена физика	
Докторат	2004	Физички Факултет Универзитета у Београду	Примењена физика	
Магистратура	2000	Физички Факултет Универзитета у Београду	Примењена физика	
Мастер диплома				
Диплома	1997	Физички Факултет Универзитета у Београду	Примењена физика	
<b>Списак дисертација-докторских уметничких пројеката а у којима је наставник ментор или је био ментор у претходних 10 година</b>				
Р.Б.	Наслов дисертације-докторског уметничког пројекта	Име кандидата	*пријављена	** одбрањена
1	Плазма електролитичка оксидација вентилних метала	Марија Петковић	2011	2012
2	Структурна и оптичка карактеризација фотокатализатора на бази $TiO_2$ и $ZnO$ прахова добијених плазменом електролитичком оксидацијом	Ненад Тадић	2016	2017
*Година у којој је дисертација-докторски уметнички пројекат пријављена-пријављен (само за дисертације-докторске уметничке пројекте које су у току), ** Година у којој је дисертација-докторски уметнички пројекат одбрањена (само за дисертације-докторско уметничке пројекте из ранијег периода)				
<b>Категоризација публикације научних радова из области датог студијског програма према класификацији ресорног Министарства просвете, науке и технолошког развоја а у складу са допунским захтевима стандарда за дато поље (минимално 5 не више од 20)</b>				
<b>Категоризација публикације уметничких референци из области датог студијског програма према класификацији из Упутства за припрему документације за акредитацију студијског програма а у складу са допунским захтевима стандарда за дато поље (минимално 5 не више од 20)</b>				
1.	S. Stojadinović, A. Ćirić, Photoluminescence of $ZnO:Eu^{3+}$ and $ZnO:Tb^{3+}$ coatings formed by plasma electrolytic oxidation of pure zinc substrate, Journal of Luminescence 235 (2021) 118022.			<b>M21</b>
2.	S. Stojadinović, A. Ćirić, Sensitizing effect of $Ce^{3+}$ on $Tm^{3+}$ blue emission in $Al_2O_3:Tm^{3+}/Ce^{3+}$ coatings formed by plasma electrolytic oxidation, Journal of Materials Science: Materials in Electronics (2021) 117407.			<b>M22</b>
3.	S. Stojadinović, N. Radić, N. Tadić, R. Vasilić, B. Grbić, Enhanced ultraviolet light driven photocatalytic activity of $ZnO$ particles incorporated by plasma electrolytic oxidation into $Al_2O_3$ coatings co-doped with $Ce^{3+}$ , Optical Materials 101 (2020) 109768.			<b>M22</b>
4.	S. Stojadinović, A. Ćirić, Highly-increased photoluminescence of $Pr^{3+}$ due to the $Eu^{2+} \rightarrow Pr^{3+}$ energy transfer in $Al_2O_3$ coatings formed by plasma electrolytic oxidation, Journal of Luminescence 226 (2020) 117407.			<b>M21</b>

5.	S. Stojadinović, A. Ćirić, Dy <sup>3+</sup> and Dy <sup>3+</sup> /Ce <sup>3+</sup> doped Al <sub>2</sub> O <sub>3</sub> coatings obtained by plasma electrolytic oxidation: Photoluminescence and energy transfer from Ce <sup>3+</sup> to Dy <sup>3+</sup> , Journal of Luminescence 226 (2020) 117403.	M21
6.	S. Stojadinović, N. Tadić, R. Vasilić, Down- and up-conversion photoluminescence of ZrO <sub>2</sub> :Ho <sup>3+</sup> and ZrO <sub>2</sub> :Ho <sup>3+</sup> /Yb <sup>3+</sup> coatings formed by plasma electrolytic oxidation, Journal of Alloys and Compounds 785 (2019) 1222–1232.	M21
7.	S. Stojadinović, N. Tadić, R. Vasilić, Photoluminescence properties of Er <sup>3+</sup> /Yb <sup>3+</sup> doped ZrO <sub>2</sub> coatings formed by plasma electrolytic oxidation, Journal of Luminescence 208 (2019) 296–301.	M21
8.	S. Stojadinović, R. Vasilić, Efficient sensitization of Sm <sup>2+</sup> emission by Eu <sup>2+</sup> under UV excitation in Al <sub>2</sub> O <sub>3</sub> host formed by plasma electrolytic oxidation”, Materials Letters 234 (2019) 9–12.	M21
9.	S. Stojadinović, R. Vasilić, Photoluminescence of Ce <sup>3+</sup> and Ce <sup>3+</sup> /Tb <sup>3+</sup> ions in Al <sub>2</sub> O <sub>3</sub> host formed by plasma electrolytic oxidation, Journal of Luminescence 203 (2018) 576–581.	M21
10.	S. Stojadinović, N. Tadić, N. Radić, B. Grbić, R. Vasilić, CdS particles modified TiO <sub>2</sub> coatings formed by plasma electrolytic oxidation with enhanced photocatalytic activity, Surface and Coatings Technology 344 (2018) 528–533.	M21
11.	S. Stojadinović, R. Vasilić, Eu <sup>2+</sup> photoluminescence in Al <sub>2</sub> O <sub>3</sub> coatings obtained by plasma electrolytic oxidation, Journal of Luminescence 199 (2018) 240–244.	M21
12.	S. Stojadinović, N. Radić, N. Tadić, R. Vasilić, P. Stefanov, B. Grbić, Influence of iron doping on photocatalytic activity of TiO <sub>2</sub> coatings formed on titanium by plasma electrolytic oxidation, Journal of Materials Science: Materials in Electronics 29 (2018) 9427–9434.	M22
13.	S. Stojadinović, N. Tadić, A. Ćirić, R. Vasilić, Photoluminescence properties of Eu <sup>3+</sup> doped HfO <sub>2</sub> coatings formed by plasma electrolytic oxidation of hafnium, Optical Materials 77 (2018) 19–24.	M22
14.	S. Stojadinović, N. Tadić, N. Radić, B. Grbić, R. Vasilić, Effect of Tb <sup>3+</sup> doping on the photocatalytic activity of TiO <sub>2</sub> coatings formed by plasma electrolytic oxidation of titanium, Surface and Coatings Technology 337 (2018) 279–289.	M21
15.	S. Stojadinović, N. Tadić, R. Vasilić, Plasma electrolytic oxidation of hafnium, International Journal of Refractory Metals and Hard Materials 69 (2017) 153–157.	M22
16.	S. Stojadinović, N. Tadić, N. Radić, B. Grbić, R. Vasilić, MgO/ZnO coatings formed on magnesium alloy AZ31 by plasma electrolytic oxidation: Structural, photoluminescence and photocatalytic investigation, Surface and Coatings Technology 310 (2017) 98–105.	M21
17.	S. Stojadinović, N. Tadić, R. Vasilić, Formation and characterization of ZnO films on zinc substrate by plasma electrolytic oxidation, Surface and Coatings Technology 307 (2016) 650–657.	M21
18.	S. Stojadinović, R. Vasilić, Orange–red photoluminescence of Nb <sub>2</sub> O <sub>5</sub> :Eu <sup>3+</sup> , Sm <sup>3+</sup> coatings formed by plasma electrolytic oxidation of niobium, Journal of Alloys and Compounds 685 (2016) 881–889.	M21
19.	S. Stojadinović, R. Vasilić, N. Radić, N. Tadić, P. Stefanov, B. Grbić, The formation of tungsten doped Al <sub>2</sub> O <sub>3</sub> /ZnO coatings on aluminum by plasma electrolytic oxidation and their application in photocatalysis, Applied Surface Science 377 (2016) 37–43.	M21
20.	S. Stojadinović, N. Radić, B. Grbić, S. Maletić, P. Stefanov, A. Pačevski, R. Vasilić, Structural, photoluminescent and photocatalytic properties of TiO <sub>2</sub> :Eu <sup>3+</sup> coatings formed by plasma electrolytic oxidation, Applied Surface Science 370 (2016) 218–228.	M21
<b>Збирни подаци научне активност наставника</b>		
<b>Збирни подаци уметничке активност наставника</b>		
Укупан број цитата, без ауоцитата	1321 (Scopus)	
Укупан број радова са SCI (или SSCI) листе	123	
Тренутно учешће на пројектима	Домаћи 1	Међународни 2
Усавршавања		
Други подаци које сматрате релевантним		
Максимална дужине несме бити већа од 2 странице А4		

**Table. 9.8** Competences of mentors

<b>Name and family name</b>		Stevan Stojadinović		
<b>Title</b>		Professor		
<b>Narrow scientific area</b>		Applied Physics		
<b>Academic career</b>	<b>Year</b>	<b>Awarding institution</b>	<b>Narrow scientific area</b>	
Election to the title	2017	Faculty of Physics University of Belgrade	Applied Physics	
PhD	2004	Faculty of Physics University of Belgrade	Applied Physics	
Master degree	2000	Faculty of Physics University of Belgrade	Applied Physics	
Master diploma				
Diploma	1997	Faculty of Physics University of Belgrade	Applied Physics	
<b>A list of dissertations-doctoral art projects in which the teacher is or was a mentor in the past 10 years</b>				
No.	Title of the dissertation – doctoral art project	Name of the candidate	*submitted	** defended
1	Plasma electrolytic oxidation of valve metals	Marija Petković	2011	2012
2	Structural and optical characterization of photocatalyst based on TiO <sub>2</sub> and ZnO powders formed by plasma electrolytic oxidation	Nenad Tadić	2016	2017
* Year in which the dissertation-doctoral art project was submitted (for dissertations-doctoral art projects in progress) ** The year in which the dissertation-doctoral art project was defended (only for dissertations-doctoral art projects from the previous period)				
<b>Categorization of the publication of scientific papers in the field of the given study program according to the classification of the relevant Ministry of Education, Science and Technological Development and in accordance with the additional requirements of the standard for the given field (minimum 5 not more than 20)</b>				
<b>Categorization of the publication of artistic references in the field of the given study program according to the classification in the guidelines for preparing the documentation for the accreditation of the study program and in accordance with the additional requirements of the standard for the given field (minimum 5 not more than 20)</b>				
1.	S. Stojadinović, A. Ćirić, Photoluminescence of ZnO:Eu <sup>3+</sup> and ZnO:Tb <sup>3+</sup> coatings formed by plasma electrolytic oxidation of pure zinc substrate, Journal of Luminescence 235 (2021) 118022.			<b>M21</b>
2.	S. Stojadinović, A. Ćirić, Sensitizing effect of Ce <sup>3+</sup> on Tm <sup>3+</sup> blue emission in Al <sub>2</sub> O <sub>3</sub> :Tm <sup>3+</sup> /Ce <sup>3+</sup> coatings formed by plasma electrolytic oxidation, Journal of Materials Science: Materials in Electronics (2021) 117407.			<b>M22</b>
3.	S. Stojadinović, N. Radić, N. Tadić, R. Vasilić, B. Grbić, Enhanced ultraviolet light driven photocatalytic activity of ZnO particles incorporated by plasma electrolytic oxidation into Al <sub>2</sub> O <sub>3</sub> coatings co-doped with Ce <sup>3+</sup> , Optical Materials 101 (2020) 109768.			<b>M22</b>
4.	S. Stojadinović, A. Ćirić, Highly-increased photoluminescence of Pr <sup>3+</sup> due to the Eu <sup>2+</sup> → Pr <sup>3+</sup> energy transfer in Al <sub>2</sub> O <sub>3</sub> coatings formed by plasma electrolytic oxidation, Journal of Luminescence 226 (2020) 117407.			<b>M21</b>
5.	S. Stojadinović, A. Ćirić, Dy <sup>3+</sup> and Dy <sup>3+</sup> /Ce <sup>3+</sup> doped Al <sub>2</sub> O <sub>3</sub> coatings obtained by plasma electrolytic oxidation: Photoluminescence and energy transfer from Ce <sup>3+</sup> to Dy <sup>3+</sup> , Journal of Luminescence 226 (2020) 117403.			<b>M21</b>
6.	S. Stojadinović, N. Tadić, R. Vasilić, Down- and up-conversion photoluminescence of ZrO <sub>2</sub> :Ho <sup>3+</sup> and ZrO <sub>2</sub> :Ho <sup>3+</sup> /Yb <sup>3+</sup> coatings formed by plasma electrolytic oxidation, Journal of Alloys and Compounds 785 (2019) 1222–1232.			<b>M21</b>
7.	S. Stojadinović, N. Tadić, R. Vasilić, Photoluminescence properties of Er <sup>3+</sup> /Yb <sup>3+</sup> doped ZrO <sub>2</sub> coatings formed by plasma electrolytic oxidation, Journal of Luminescence 208 (2019)			<b>M21</b>

	296–301.	
8.	<b>S. Stojadinović</b> , R. Vasilić, Efficient sensitization of $\text{Sm}^{2+}$ emission by $\text{Eu}^{2+}$ under UV excitation in $\text{Al}_2\text{O}_3$ host formed by plasma electrolytic oxidation”, <i>Materials Letters</i> 234 (2019) 9–12.	<b>M21</b>
9.	<b>S. Stojadinović</b> , R. Vasilić, Photoluminescence of $\text{Ce}^{3+}$ and $\text{Ce}^{3+}/\text{Tb}^{3+}$ ions in $\text{Al}_2\text{O}_3$ host formed by plasma electrolytic oxidation, <i>Journal of Luminescence</i> 203 (2018) 576–581.	<b>M21</b>
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11.	<b>S. Stojadinović</b> , R. Vasilić, $\text{Eu}^{2+}$ photoluminescence in $\text{Al}_2\text{O}_3$ coatings obtained by plasma electrolytic oxidation, <i>Journal of Luminescence</i> 199 (2018) 240–244.	<b>M21</b>
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13.	<b>S. Stojadinović</b> , N. Tadić, A. Ćirić, R. Vasilić, Photoluminescence properties of $\text{Eu}^{3+}$ doped $\text{HfO}_2$ coatings formed by plasma electrolytic oxidation of hafnium, <i>Optical Materials</i> 77 (2018) 19–24.	<b>M22</b>
14.	<b>S. Stojadinović</b> , N. Tadić, N. Radić, B. Grbić, R. Vasilić, Effect of $\text{Tb}^{3+}$ doping on the photocatalytic activity of $\text{TiO}_2$ coatings formed by plasma electrolytic oxidation of titanium, <i>Surface and Coatings Technology</i> 337 (2018) 279–289.	<b>M21</b>
15.	<b>S. Stojadinović</b> , N. Tadić, R. Vasilić, Plasma electrolytic oxidation of hafnium, <i>International Journal of Refractory Metals and Hard Materials</i> 69 (2017) 153–157.	<b>M22</b>
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17.	<b>S. Stojadinović</b> , N. Tadić, R. Vasilić, Formation and characterization of ZnO films on zinc substrate by plasma electrolytic oxidation, <i>Surface and Coatings Technology</i> 307 (2016) 650–657.	<b>M21</b>
18.	<b>S. Stojadinović</b> , R. Vasilić, Orange–red photoluminescence of $\text{Nb}_2\text{O}_5:\text{Eu}^{3+}$ , $\text{Sm}^{3+}$ coatings formed by plasma electrolytic oxidation of niobium, <i>Journal of Alloys and Compounds</i> 685 (2016) 881–889.	<b>M21</b>
19.	<b>S. Stojadinović</b> , R. Vasilić, N. Radić, N. Tadić, P. Stefanov, B. Grbić, The formation of tungsten doped $\text{Al}_2\text{O}_3/\text{ZnO}$ coatings on aluminum by plasma electrolytic oxidation and their application in photocatalysis, <i>Applied Surface Science</i> 377 (2016) 37–43.	<b>M21</b>
20.	<b>S. Stojadinović</b> , N. Radić, B. Grbić, S. Maletić, P. Stefanov, A. Pačevski, R. Vasilić, Structural, photoluminescent and photocatalytic properties of $\text{TiO}_2:\text{Eu}^{3+}$ coatings formed by plasma electrolytic oxidation, <i>Applied Surface Science</i> 370 (2016) 218–228.	<b>M21</b>
<b>Cumulative data of scientific activity of the teacher</b>		
<b>Cumulative data of scientific activity of the teacher</b>		
Total number of citations, without self citations	<b>1321</b> (Scopus)	
Total number of papers on the SCI (or SSCI) list	<b>123</b>	
Current participation in projects	Domestic 1	International 2
Specialization		
Other information you consider to be important		
Maximum length may not be over 2 A4 pages		