

Табела. 9.6. Компетентност наставника

Име и презиме		Предраг Миленовић		
Звање		ванредни професор		
Ужа научна област		Физика језгра и честица		
Академска каријера	Година	Институција	Област	Ужа научна односно уметничка област
Избор у звање	2019.	Физички факултет Универзитет у Београду	Физика	Физика језгра и честица
Докторат	2011.	Федерални политехнички факултет у Цириху, Швајцарска (ETH Zurich)	Физика	Физика језгра и честица
Магистратура	2006.	Физички факултет Универзитет у Београду	Физика	Физика језгра и честица
Мастер диплома				
Диплома	2001.	Физички факултет Универзитет у Београду	Физика	Квантна и математичка физика
Списак предмета које наставник држи на докторским студијама				
Р.Б.	Ознака	Назив предмета		
1	ФИЗДФНФ1	Физика акцелератора		
2	ФИЗДФНФ2	Детектори у физици високих енергија		
3	ФИЗДФНФ5	Феноменологија физике елементарних честица		
Најзначајнији радови у складу са захтевима допунских услова стандарда за дато поље (минимално 10 не више од 20)				
1	HE/HL-LHC working group (with P.Milenovic), <i>Report on the Physics at the HL-LHC, and Perspectives for the HE-LHC</i> , CERN-2019-007 (2019), ISBN 9789290835493			
2	CMS Collaboration (with P.Milenovic), <i>Measurements of properties of the Higgs boson decaying into the four-lepton final state in pp collisions at 13 TeV</i> , JHEP 1711 (2017) 047			
3	LHCHXS working group (with P.Milenovic), <i>Handbook of LHC Higgs Cross Sections: 4. Deciphering the Nature of the Higgs Sector</i> , CERN-2017-002-M (2017), ISBN 9789290834427			
4	CMS Collaboration (with P.Milenovic), <i>Measurement of inclusive and differential fiducial cross sections for Higgs boson production in the $H \rightarrow 4l$ decay channel in proton-proton collisions at 7 and 8 TeV</i> , JHEP 1604 (2016) 005			
5	CMS Collaboration (with P.Milenovic), <i>Constraints on the spin-parity and anomalous HVV couplings of the Higgs boson in proton collisions at 7 and 8 TeV</i> , Phys. Rev. D 92 (2015) 1, 012004			
6	CMS Collaboration (with P.Milenovic), <i>Measurement of the properties of a Higgs boson in the four-lepton final state</i> , Phys. Rev. D 89 (2014) 9, 092007			
7	P.Avery et al. (with P.Milenovic), <i>The role of interference in unraveling the ZZ-couplings of the newly discovered boson at the LHC</i> , Phys. Rev. D 89 (2014) 3, 034002			
8	CMS Collaboration (with P.Milenovic), <i>Study of the Mass and Spin-Parity of the Higgs Boson Candidate Via Its Decays to Z Boson Pairs</i> , Phys. Rev. Lett. 110 (2013) 8, 081803			
9	P.Avery et al. (with P. Milenovic), <i>Precision studies of the Higgs boson decay channel $H \rightarrow ZZ \rightarrow 4l$ with MEKD</i> , Phys. Rev. D 87 (2013) 5, 055006			
10	CMS Collaboration (with P.Milenovic), <i>Observation of a new boson at a mass of 125 GeV with the CMS experiment at the LHC</i> , Phys. Lett. B 716 (2012) 30			
Збирни подаци научне активности наставника				
Укупан број цитата, без ауоцитата		>15000 за наведене радове са значајним доприносом (>72000 за радове у којима је аутор као члан колаборације CMS)		
Укупан број радова са SCI (или SSCI) листе		>1000		
Тренутно учешће на пројектима		Домаћи: ON171019	Међународни: Билатерални Србија-Италија RS19MO06, EU H2020 COST Action CA16108	
Усавршавања		Универзитет у Флориди (2011-2015), ЦЕРН (2016-2018)		
Други подаци које сматрате релевантним				
Максимална дужине не сме бити већа од 1 странице А4				

Table. 9.6 Teachers' competences

Name and family name		Predrag Milenović		
Title		Associate Professor		
Narrow scientific area		Physics of elementary particles and nuclear physics		
Academic career	Year	Institution	Area	Narrow scientific or art area
Election to the title	2019.	Faculty of Physics, University of Belgrade	Physics	Physics of elementary particles and nuclear physics
PhD	2011.	Swiss Federal Institute of Technology in Zürich (ETH Zurich)	Physics	Physics of elementary particles and nuclear physics
Master degree	2006.	Faculty of Physics, University of Belgrade	Physics	Physics of elementary particles and nuclear physics
Master diploma				
Diploma	2001.	Faculty of Physics, University of Belgrade	Physics	Physics of elementary particles and nuclear physics
List of subjects the teacher is lecturing in doctoral studies				
No.	Mark	Subject name		
1	ФИЗДФНФ1	Accelerator physics		
2	ФИЗДФНФ2	Particle detectors in high energy physics		
3	ФИЗДФНФ5	Phenomenology of elementary particle physics		
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	HE/HL-LHC working group (with P.Milenovic), <i>Report on the Physics at the HL-LHC, and Perspectives for the HE-LHC</i> , CERN-2019-007 (2019), ISBN 9789290835493			
2	CMS Collaboration (with P.Milenovic), <i>Measurements of properties of the Higgs boson decaying into the four-lepton final state in pp collisions at 13 TeV</i> , JHEP 1711 (2017) 047			
3	LHCHXS working group (with P.Milenovic), <i>Handbook of LHC Higgs Cross Sections: 4. Deciphering the Nature of the Higgs Sector</i> , CERN-2017-002-M (2017), ISBN 9789290834427			
4	CMS Collaboration (with P.Milenovic), <i>Measurement of inclusive and differential fiducial cross sections for Higgs boson production in the $H \rightarrow 4l$ decay channel in proton-proton collisions at 7 and 8 TeV</i> , JHEP 1604 (2016) 005			
5	CMS Collaboration (with P.Milenovic), <i>Constraints on the spin-parity and anomalous HVV couplings of the Higgs boson in proton collisions at 7 and 8 TeV</i> , Phys. Rev. D 92 (2015) 1, 012004			
6	CMS Collaboration (with P.Milenovic), <i>Measurement of the properties of a Higgs boson in the four-lepton final state</i> , Phys. Rev. D 89 (2014) 9, 092007			
7	P.Avery et al. (with P.Milenovic), <i>The role of interference in unraveling the ZZ-couplings of the newly discovered boson at the LHC</i> , Phys. Rev. D 89 (2014) 3, 034002			
8	CMS Collaboration (with P.Milenovic), <i>Study of the Mass and Spin-Parity of the Higgs Boson Candidate Via Its Decays to Z Boson Pairs</i> , Phys. Rev. Lett. 110 (2013) 8, 081803			
9	P.Avery et al. (with P. Milenovic), <i>Precision studies of the Higgs boson decay channel $H \rightarrow ZZ \rightarrow 4l$ with MEKD</i> , Phys. Rev. D 87 (2013) 5, 055006			
10	CMS Collaboration (with P.Milenovic), <i>Observation of a new boson at a mass of 125 GeV with the CMS experiment at the LHC</i> , Phys. Lett. B 716 (2012) 30			
Cumulative data of scientific activity of the teacher				
Total number of citations, without self citations		>15000 for publications with sign. contribution listed above (>72000 for the publications where author is a member of the CMS Collaboration)		
Total number of papers on the SCI (or SSCI) list		>1000		
Current participation in projects		Domestic ON171019	International Bilateral Serbia-Italy RS19MO06 EU H2020 COST Action CA16108	
specialization		Postdoc at University of Florida (2011-2015), CERN Fellowship (2016-2018)		
Other information you consider to be important				
Maximum length may not be over 1 A4 page				

