

Табела 9.6. Компетентност наставника

Име и презиме		Лидија Живковић		
Звање		Научни саветник		
Ужа научна област		Физика високих енергија		
Академска каријера	Година	Институција	Област	Ужа научна односно уметничка област
Избор у звање	2015	Институт за Физику	Физика	Физика високих енергија
Докторат	2006	Институт Вајцман, Израел	Физика	Физика високих енергија
Магистратура	1998	Физички факултет, УБ	Физика	Физика чврстог стања
Мастер диплома				
Диплома	1993	Физички факултет УБ	Физика	Нуклеарна физика
Списак предмета које наставник држи на докторским студијама				
Р.Б.	Ознака	Назив предмета		
1	ФИЗДФНФ2	Детектори у физици високих енергија		
2	ФИЗДФНФ5	Феноменологија физике елементарних честица		
Најзначајнији радови у складу са захтевима допунских услова стандарда за дато поље (минимално 10 не више од 20)				
1	L. Zivkovic, ATLAS Collaboration, Search for the $HH \rightarrow bbbb$ process via vector-boson fusion production using proton-proton collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector, JHEP 07 (2020) 108			M21
2	L. Zivkovic, ATLAS Collaboration, Search for heavy neutral Higgs bosons produced in association with b-quarks and decaying into b-quarks at $\sqrt{s}=13$ TeV with the ATLAS detector, Phys.Rev.D 102 (2020) 3, 032004			M21
3	L. Zivkovic, ATLAS Collaboration, Search for diboson resonances with boson-tagged jets in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector, Phys.Lett.B 777 (2018) 91-113			M21
4	L. Zivkovic, ATLAS Collaboration, Identification of boosted, hadronically decaying W bosons and comparisons with ATLAS data taken at $\sqrt{s} = 8$ TeV, Eur.Phys.J.C 76 (2016) 3, 154			M21
5	L. Zivkovic, ATLAS Collaboration, Performance of the ATLAS Trigger System in 2015, Eur.Phys.J.C 77 (2017) 5, 317			M21
6	M. Djordjevic, B. Blagojevic, L. Zivkovic, Mass tomography at different momentum ranges in quark-gluon plasma, Phys. Rev. C 94 4, 044908 (2016)			M21
7	D. Toback, L. Zivkovic, Review of Physics Results from the Tevatron: Searches for New Particles and Interactions, Int.J.Mod.Phys.A 30 (2015) 06, 1541007			M22
8	D. Bandurin, L. Zivkovic, et al., Review of Physics Results from the Tevatron, Int.J.Mod.Phys.A 30 (2015) 06, 1541001			M22
9	L. Zivkovic, CDF and D0 Collaborations, Tevatron Constraints on Models of the Higgs Boson with Exotic Spin and Parity Using Decays to Bottom-Antibottom Quark Pairs, Phys.Rev.Lett. 114 (2015) 15, 151802			M21a
10	L. Zivkovic, D0 Collaboration, Constraints on Models for the Higgs Boson with Exotic Spin and Parity in $VH \rightarrow Vbb$ Final States, Phys.Rev.Lett. 113 (2014) 161802			M21a
11	L. Zivkovic, CDF and D0 Collaborations, Higgs Boson Studies at the Tevatron, Phys.Rev.D 88 (2013) 5, 052014			M21
12	L. Zivkovic, D0 Collaboration, Combined search for the Higgs boson with the D0 experiment, Phys.Rev.D 88 (2013) 5, 052011			M21
13	L. Zivkovic, D0 Collaboration, Search for the standard model Higgs boson in $\ell\ell\nu +$ jets final states in 9.7 fb^{-1} of $p\bar{p}$ collisions with the D0 detector, Phys.Rev.D 88 (2013) 5, 052008			M21
14	L. Zivkovic, D0 Collaboration, Search for the standard model Higgs boson in associated WH production in $9.7 \sim \text{fb}^{-1}$ of $p\bar{p}$ collisions with the D0 detector, Phys.Rev.Lett. 109 (2012) 121804			M21a
15	L. Zivkovic, D0 Collaboration, Combined search for the standard model Higgs boson decaying to $b\bar{b}$ using the D0 Run II data set, Phys.Rev.Lett. 109 (2012) 121802			M21a
Збирни подаци научне активности наставника				
Укупан број цитата, без аутоцитата			~18700 (члан колаборације)	
Укупан број радова са SCI (или SSCI) листе			1230 (члан колаборације)	
Тренутно учешће на пројектима			Домаћи	Међународни: Експеримент АТЛАС, Д0
Усавршавања			Колумбија Њујорк, Браун Провиденс, ЛПНХЕ Париз, ЦЕРН Женева	
Други подаци које сматрате релевантним Неколико високих позиција на експериментима				
Максимална дужине не сме бити већа од 1 странице А4				

Table. 9.6 Teachers' competences

Name and family name		Lidija Zivkovic		
Title		Research Professor		
Narrow scientific area		Physics		
Academic career	Year	Institution	Area	Narrow scientific or art area
Election to the title	2015	Institute of Physics Belgrade	Physics	High energy physics
PhD	2006	Weizmann Institute of Science, Israel	Physics	High energy physics
Master degree	1998	Faculty of physics, UB	Physics	Condensed matter physics
Master diploma				
Diploma	1993	Faculty of physics, UB	Physics	Nuclear physics
List of subjects the teacher is lecturing in doctoral studies				
No.	Mark	Subject name		
1	ФНЗДФНФ2	Detectors in high energy physics		
2	ФНЗДФНФ5	Particle Physics Phenomenology		
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	L. Zivkovic, ATLAS Collaboration, Search for the $HH \rightarrow bbbb$ process via vector-boson fusion production using proton-proton collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector, JHEP 07 (2020) 108			M21
2	L. Zivkovic, ATLAS Collaboration, Search for heavy neutral Higgs bosons produced in association with b-quarks and decaying into b-quarks at $\sqrt{s} = 13$ TeV with the ATLAS detector, Phys.Rev.D 102 (2020) 3, 032004			M21
3	L. Zivkovic, ATLAS Collaboration, Search for diboson resonances with boson-tagged jets in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector, Phys.Lett.B 777 (2018) 91-113			M21
4	L. Zivkovic, ATLAS Collaboration, Identification of boosted, hadronically decaying W bosons and comparisons with ATLAS data taken at $\sqrt{s} = 8$ TeV, Eur.Phys.J.C 76 (2016) 3, 154			M21
5	L. Zivkovic, ATLAS Collaboration, Performance of the ATLAS Trigger System in 2015, Eur.Phys.J.C 77 (2017) 5, 317			M21
6	M. Djordjevic, B. Blagojevic, L. Zivkovic, Mass tomography at different momentum ranges in quark-gluon plasma, Phys. Rev. C 94 4, 044908 (2016)			M21
7	D. Toback, L. Zivkovic, Review of Physics Results from the Tevatron: Searches for New Particles and Interactions, Int.J.Mod.Phys.A 30 (2015) 06, 1541007			M22
8	D. Bandurin, L. Zivkovic, et al., Review of Physics Results from the Tevatron, Int.J.Mod.Phys.A 30 (2015) 06, 1541001			M22
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10	L. Zivkovic, D0 Collaboration, Constraints on Models for the Higgs Boson with Exotic Spin and Parity in $VH \rightarrow Vbb$ Final States, Phys.Rev.Lett. 113 (2014) 161802			M21a
11	L. Zivkovic, CDF and D0 Collaborations, Higgs Boson Studies at the Tevatron, Phys.Rev.D 88 (2013) 5, 052014			M21
12	L. Zivkovic, D0 Collaboration, Combined search for the Higgs boson with the D0 experiment, Phys.Rev.D 88 (2013) 5, 052011			M21
13	L. Zivkovic, D0 Collaboration, Search for the standard model Higgs boson in $\ell\ell\nu\gamma + \text{jets}$ final states in 9.7 fb^{-1} of $p\bar{p}$ collisions with the D0 detector, Phys.Rev.D 88 (2013) 5, 052008			M21
14	L. Zivkovic, D0 Collaboration, Search for the standard model Higgs boson in associated WH production in 9.7 fb^{-1} of $p\bar{p}$ collisions with the D0 detector, Phys.Rev.Lett. 109 (2012) 121804			M21a
15	L. Zivkovic, D0 Collaboration, Combined search for the standard model Higgs boson decaying to $b\bar{b}$ using the D0 Run II data set, Phys.Rev.Lett. 109 (2012) 121802			M21a
Cumulative data of scientific activity of the teacher				
Total number of citations, without self citations			~18700 (member of collaborations)	
Total number of papers on the SCI (or SSCI) list			1230 (member of collaboration)	
Current participation in projects			Domestic	International experiment ATLAS, D0
specialization			Columbia University NY, Brown University RI, LPNHE Paris, CERN Geneva	
Other information you consider to be important Several high profile positions at the experiments				
Maximum length may not be over 1 A4 page				

