Табела. 9.6. Компетентност наставника

Име и презиме	др Ненад Врањеш		
Звање	Виши научни сарадник		
Ужа научна област	Физика високих енергија		
Академска каријера	Година	Институција	Област	Ужа научна односно уметничка област
Избор у звање	2017	Институт за физику	Физика	Физика високих енергија
Докторат	2011	Физички факултет УБ	Физика	Физика високих енергија
Магистратура	2007	Физички факултет УБ	Физика	Физика високих енергија
Мастер диплома				
Диплома	2004	Физички факултет УБ	Физика	Нуклеарна физика

Списак предмета које наставник држи на докторским студијама

Р.Б.	Ознака	Назив предмета
1.	**ФИЗДФНФ7**	**Анализа података у физици високих енергија**

Најзначајнији радови у складу са захтевима допунских услова стандарда за дато поље (минимално 10 не више од 20)

1	P. Azzi, ... Vranjes, N, et al., Report from Working Group 1: Standard Model Physics at the HL-LHC and HE-LHC, CERN Yellow Rep.Monogr. 7 (2019) 1-220, CERN-LPCC-2019-01, DOI:https://doi.org/10.23731/CYRM-2019-007.1, e-Print: 1902.04070 [hep-ph]	M13
2	ATLAS Collaboration, Measurement of the Higgs boson mass in the H→ZZ∗→4l and H→γγ channels with s=13 TeV pp collisions using the ATLAS detector, Phys.Lett.B 784 (2018) 345-366	M21
3	ATLAS Collaboration, Measurement of the Drell-Yan triple-differential cross section in pp collisions at √s=8 TeV, JHEP 12 (2017) 059	M21
4	ATLAS Collaboration, Measurement of the top quark mass in the tt̄→ dilepton channel from 8TeV ATLAS data, Phys.Lett.B 761 (2016) 350-371	M21
5	ATLAS Collaboration, Measurement of the W-boson mass in pp collisions at s=7 TeV with the ATLAS detector, Eur.Phys.J.C 78 (2018) 2, 110, Eur.Phys.J.C 78 (2018) 11, 898 (erratum)	M21
6	ATLAS Collaboration, Measurement of the muon reconstruction performance of the ATLAS detector using 2011 and 2012 LHC proton–proton collision data, Eur.Phys.J.C 74 (2014) 11, 3130	M21
7	ATLAS Collaboration, Luminosity determination in pp collisions at s = 8 TeV using the ATLAS detector at the LHC, Eur.Phys.J.C 76 (2016) 12, 653	M21
8	ATLAS Collaboration, Search for new particles in events with one lepton and missing transverse momentum in pp collisions at s = 8 TeV with the ATLAS detector, JHEP 09 (2014) 037	M21
9	ATLAS Collaboration, ATLAS search for a heavy gauge boson decaying to a charged lepton and a neutrino in pp collisions at s=7 TeV, Eur.Phys.J.C 72 (2012) 2241	M21
10	ATLAS Collaboration, Expected Performance of the ATLAS Experiment - Detector, Trigger and Physics, SLAC-R-980, CERN-OPEN-2008-020, 0901.0512 [hep-ex]	M11

Збирни подаци научне активност наставника

Укупан број цитата, без аутоцитата	преко 1000	
Укупан број радова са SCI (или SSCI) листе	15	
Тренутно учешће на пројектима	Домаћи	Међународни
Усавршавања	Посдок у CEA Saclay	

Други подаци које сматрате релевантним: Ментор три докторске дисертације, 4 мастер рада

Максимална дужине не сме бити већа од 1 странице А4

Table. 9.6 Teachers' competences

Name and family name		Dr. Nenad Vranješ		
Title		Associate research professor		
Narrow scientific area		High Energy Physics		
Academic career	Year	Institution	Area	Narrow scientific or art area
Election to the title	2017	Institute of Physics Belgrade	Physics	High Energy Physics
PhD	2011	University of Belgrade	Physics	High Energy Physics
Master degree	2007	University of Belgrade	Physics	High Energy Physics
Diploma	2004	University of Belgrade	Physics	Nuclear Physics

List of subjects the teacher is lecturing in doctoral studies

No.	Mark	Subject name
1	**ФИЗДФНФ7**	Data Analysis in High Energy 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	P. Azzi, ... Vranjes, N, et al., Report from Working Group 1: Standard Model Physics at the HL-LHC and HE-LHC, CERN Yellow Rep.Monogr. 7 (2019) 1-220, CERN-LPCC-2019-01, DOI:https://doi.org/10.23731/CYRM-2019-007.1, e-Print: 1902.04070 [hep-ph]	M13
2	ATLAS Collaboration, Measurement of the Higgs boson mass in the H→ZZ∗→4l and H→γγ channels with s=13 TeV pp collisions using the ATLAS detector, Phys.Lett.B 784 (2018) 345-366	M21
3	ATLAS Collaboration, Measurement of the Drell-Yan triple-differential cross section in pp collisions at √s=8 TeV, JHEP 12 (2017) 059	M21
4	ATLAS Collaboration, Measurement of the top quark mass in the tt̄→ dilepton channel from 8TeV ATLAS data, Phys.Lett.B 761 (2016) 350-371	M21
5	ATLAS Collaboration, Measurement of the W-boson mass in pp collisions at s=7 TeV with the ATLAS detector, Eur.Phys.J.C 78 (2018) 2, 110, Eur.Phys.J.C 78 (2018) 11, 898 (erratum)	M21
6	ATLAS Collaboration, Measurement of the muon reconstruction performance of the ATLAS detector using 2011 and 2012 LHC proton–proton collision data, Eur.Phys.J.C 74 (2014) 11, 3130	M21
7	ATLAS Collaboration, Luminosity determination in pp collisions at s = 8 TeV using the ATLAS detector at the LHC, Eur.Phys.J.C 76 (2016) 12, 653	M21
8	ATLAS Collaboration, Search for new particles in events with one lepton and missing transverse momentum in pp collisions at s = 8 TeV with the ATLAS detector, JHEP 09 (2014) 037	M21
9	ATLAS Collaboration, ATLAS search for a heavy gauge boson decaying to a charged lepton and a neutrino in pp collisions at s=7 TeV, Eur.Phys.J.C 72 (2012) 2241	M21
10	ATLAS Collaboration, Expected Performance of the ATLAS Experiment - Detector, Trigger and Physics, SLAC-R-980, CERN-OPEN-2008-020, 0901.0512 [hep-ex]	M11

Cumulative data of scientific activity of the teacher

Total number of citations, without self citations	More than 1000	
Total number of papers on the SCI (or SSCI) list	15	
Current participation in projects	Domestic	International
specialization	Posdoc at CEA Saclay	
Other information you consider to be important supervisor 3 PhD thesis, 4 master projects		
Maximum length may not be over 1 A4 page		